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# DREER'S GARDEN BOOK

SEVENTY-THIRD ANNUAL EDITION

## 1911

TRADE-MARK
HENRY A. DREER
714 CHESTNUT ST.
PHILADELPHIA, PA.

# General Directions to Customers

PHILADELPHIA, JANUARY, 1911.

### The attention of our customers is respectfully called to the following directions, which will, if followed, be an aid to purchasers as well as ourselves

ESTAB. 1838. INCOR. 1892.
DREER'S SEEDS & FRESH RELIABLE
TRADE REGISTERED MARK.
PHILADELPHIA.

**ORDER EARLY.**—It will greatly facilitate shipments if orders are sent in early. We aim to send off all orders the same or next day after receipt, but during the rush season this is impossible—hence the advisability of ordering early.

**FORWARDING.**—We deliver postage paid, to any post office in the United States, Vegetable and Flower Seeds in packets, ounces and pounds, at catalogue prices, except where otherwise noted; but it will be much cheaper to the purchaser if goods are ordered to be sent by Express or Freight at their expense, when desired in any quantity. Agricultural Seeds, Implements and other bulky and heavy goods can only be sent by freight or express at purchasers' expense. Regarding shipments of **Plants** please see page 127.

Seeds, Plants and Bulbs are now taken by Express Companies at a reduction of twenty per cent. from the regular rates for merchandise.

**CANADA POSTAGE.**—Vegetable and Flower Seeds in packets and ounces mailed free. On everything else remit for postage 1 cent per ounce.

**LOCAL DELIVERY.**—We deliver goods free in Philadelphia, Germantown, and Chestnut Hill. We also deliver free of charge by Package System (Baggage Master) to all points where this system is in operation, such goods as will be received by them.

**PLANT ORDERS** should be separated from the Seed orders; the departments are separate, but shipments of seeds and plants are made in one parcel, to avoid additional express charges. See note regarding shipments of plants on page 127.

**PACKING.**—No charge is made for boxes or packing, nor for delivery to Freight Depots or Express Offices in Philadelphia.

**REMITTANCES** should be made by Post Office Money Order, Drafts on Philadelphia or New York Banks or Express Money Orders. We disclaim all responsibility when remittances are not made as above directed. Where it is not possible to obtain these, the letter should be registered. Postage Stamps will be found a convenient method of remitting for small amounts, and can be used by us to advantage. Coin should not be sent by mail.

**CASH WITH ORDER.**—Please send money with the order sufficient to cover the whole bill. We decline sending goods "Collect on Delivery," unless remittances be made on account to guarantee acceptance.

**ERRORS.**—We exercise the utmost care in filling orders, striving to do a little more than we offer; yet in the press of business errors sometimes occur, in which event we wish to be promptly notified of the fact and will make such corrections as will be satisfactory. Please keep copies of all your orders for comparison.

**SAFE ARRIVAL OF PACKAGES.**—We endeavor to secure the safe arrival of packages of Seeds, Bulbs and Plants in good condition in every case. If a package is injured or lost, by Mail or Express, we will replace it as soon as informed of the fact. Frequently it happens that orders never reach us, or are without signature. When customers fail to receive their packages in a reasonable time, they should inform us, and at the same time send a copy of their order and any other information necessary to trace the goods. Complaints must be made on receipt of goods.

**NAME AND ADDRESS.**—Please remember to write your **Name, Post Office, County and State**; also give number of Street or P.O. Box, as distinctly as possible; also the **nearest Express Office**; or if on a Stage route send us special directions, giving us the name of the Express Company delivering goods.

**CATALOGUES.**—We send our customers three catalogues annually, viz.: Garden Book in January, Mid-summer Catalogue in June, and Autumn Catalogue in September. Customers having more than one address will oblige by stating to which address they wish the Catalogues mailed.

**NON-WARRANTY.**—Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success, and although we take all possible care to supply only such goods as will, under proper conditions produce satisfactory results, we still give no warranty as to description, quality or productiveness of any of the seeds, plants or bulbs we send out, and will not be in any way responsible for the crop, and every order for articles named in this catalogue will be executed on these conditions only. It must, however, be plain to everyone who gives the matter the slightest thought, that it is to our best interests to send out only such stock as will not only grow but prove true to name and description.

**CORRESPONDENCE.**—We try to give prompt attention to all proper letters of inquiry, etc. We ask, as a favor, that all questions be stated clearly and briefly, and not on order sheets; also that as few inquiries as possible be sent in during April and May, at which time we are overtaxed with the business which is necessarily crowded into these two months.

# ORDER SHEET—1911

# HENRY A. DREER, 714 CHESTNUT STREET Philadelphia, Pa.

A

**Date,** ................ **Forward by** (State whether wanted by Mail, Express or Freight) ................

**Name,** ................

**Street, P. O. Box or Rural Delivery** ................

**Post Office,** ................

**Express Office** (If different from P. O.) ................

**County,** ................ **State,** ................

**Gardener's Name,** ................

**Amount Enclosed** State whether P. O. Order, Express Money Order, Draft, Postage Stamps or Cash. **$** ................

**PLEASE DO NOT WRITE HERE**

## Flower Seeds

In ordering Flower Seeds it is unnecessary to write the names of the articles, but merely to put down the number of packets wanted and the catalogue number of the variety desired. All Flower Seeds are sent post-paid.

ALL ORDERS ARE FORWARDED ON RECEIPT UNLESS INSTRUCTED TO THE CONTRARY.

| f Packets anted | Catalogue No. of Variety | PRICE | | No. of Packets Wanted | Catalogue No. of Variety | PRICE | | No. of Packets Wanted | Catalogue No. of Variety | PRICE | |
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## Vegetable Seeds

All Vegetable Seeds are sent post-paid except where noted in catalogue
ALL ORDERS ARE FORWARDED ON RECEIPT UNLESS
INSTRUCTED TO THE CONTRARY.

| us. | Qts. | Pts. | Lbs. | Ozs. | Pkts. | Name of Vegetable Seeds | Price | |
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## Plants and Bulbs

We recommend that all plants be sent by Express. We do not pay expressage, but send larger plants and "extras" to help defray charges.

ALL ORDERS ARE FORWARDED ON RECEIPT UNLESS INSTRUCTED TO THE CONTRARY.

| No. Wanted | Name of Plants or Bulbs | Price | |
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From..................................................

..................................................

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PUT
STAMP
HERE

**HENRY A. DREER,**
**SEEDSMAN,**
**LOCK BOX 1618,**
**PHILADELPHIA,**
**PA.**

SEED WAREHOUSE,
714 CHESTNUT ST.

# Tools, Garden Requisites and Sundries

These can only be sent by Express or Freight at customer's expense, except where noted in catalogue.

ALL ORDERS ARE FORWARDED ON RECEIPT UNLESS INSTRUCTED TO THE CONTRARY.

| Quantity Wanted | Articles Wanted | PRICE | |
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Flower Seed Order Filled, Date.................................By.................................
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Agricultural Seed Order Filled, " ................................. " .................................
Sundry Order Filled, " ................................. " .................................
Plant Order Filled, " ................................. " .................................
Shipped

ESTABLISHED 1838. INCORPORATED 1892.

## Seventy-third Annual Edition

OF

# Dreer's Garden Book.

## "THE NEW KIND OF CATALOGUE."

For seventy-three years the house of Dreer has been in the business of supplying **Reliable Seeds, Plants, Bulbs** and **Horticultural Requisites** to the most critical clientele in the United States, and that our efforts to furnish such have been appreciated is evidenced by the steady growth in the number of our customers and the amount of business done.

We are recognized as one of the foremost American growers of Seeds and Plants, and, to properly present our goods to our customers, it has been necessary to increase the size of this, our Seventy-third Annual Garden Book, by thirty-two additional pages, which enables us to better describe and illustrate our many specialties, making it by far the most complete and comprehensive catalogue of garden goods, not only in this county, but in the world.

We take this opportunity of thanking our many customers for their generous patronage in the past, and to express the hope that we may be favored with a continuance of the same, and to assure them that we will continue to do all in our power to merit their confidence. Our organization and equipment are such that orders can be executed rapidly, and we aim to give every order, no matter how small or how large, prompt and careful attention.

The offerings of the various departments will be found in this book as follows:

### Vegetable Seeds.

This Department offers a complete line of the most approved new and standard sorts. The newer varieties are offered on pages 5 to 10, while the General List will be found on pages 11 to 46.

### Grass and Field Seeds.

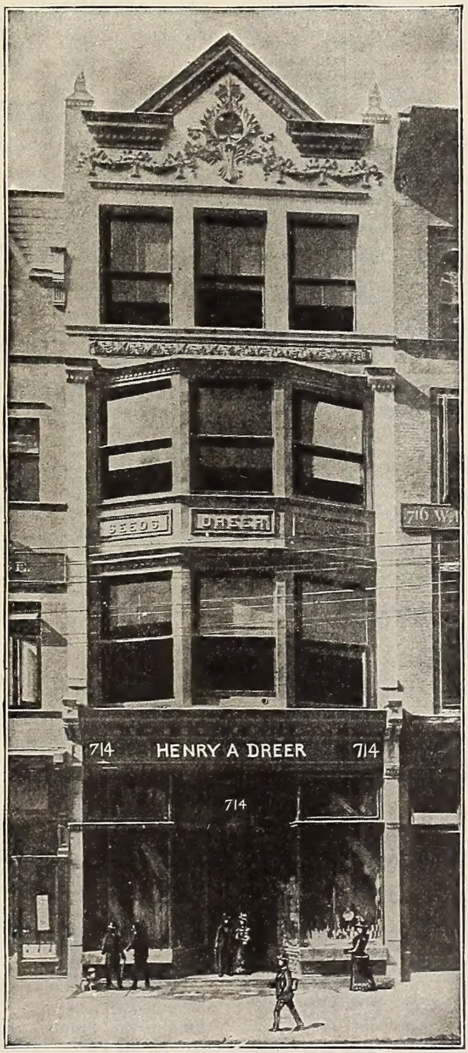
Extraordinary care is taken to supply only the very finest quality of these. Our various lawn and other mixtures of grasses are made up from thoroughly tested formulas, and will be found unsurpassed. See pages 47 to 54.

### Flower Seeds.

No pains or expense are spared to secure only the finest strains in every instance, and the majority of the commercial florists in the United States, the most critical buyers, now depend on us for their supplies in this line. Novelties and Specialties for this season are offered on pages 58 to 68, while the General List is given on pages 69 to 126.

### Tools and Sundries.

You will find all the essential miscellaneous articles wanted in the garden listed on pages 275 to 288. We also offer on the inside of the back cover a list of the best books on Horticultural and kindred subjects.



**View of our Offices and Seed Store, 714 Chestnut St., Philadelphia.**

### Plant Department.

We have the most modern and best equipped general plant Nurseries in the world to-day. During the past season we have added a new Nursery of 120 acres and have erected an additional block of twenty-two greenhouses, covering about 100,000 square feet of ground. This part of our business is divided into several departments, each under competent heads, including:

**Garden and Greenhouse Plants.** New and rare varieties are offered on pages 128 to 132. General List on pages 133 to 174.

**Roses.** These are one of our leading specialties, and all the latest and best as well as the old favorite varieties are offered on pages 175 to 193.

**Hardy Perennial Plants.** We have the largest and most complete stock of these in this country. The most recent introductions are offered on pages 196 to 202. The General List on pages 203 to 243.

**Choice Hardy Shrubs.** See pages 244 to 255.

**Hardy Climbers.** See pages 256 to 261.

**Select Small Fruits.** See pages 262 and 263.

**Water Lilies, Aquatics and Aquarium Plants.** See pages 264 to 274.

**HENRY A. DREER, 714 Chestnut Street, Philadelphia, Pa.**

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## INDEX OF COMMON or ENGLISH Names of FLOWER SEEDS and PLANTS offered in this Catalogue.

*The common names have been compiled from the best American and English sources, but as there is a certain amount of confusion in regard to some of them, two different plants often bearing the same common name, it is well in ordering to use the botanical names given on opposite page.*

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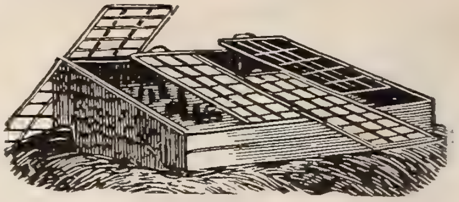
# The Making and Care of Hotbeds and Cold Frames

The cold frame and hotbed are worthy of much wider attention than they now enjoy. With their aid the autumn season can be prolonged and the spring season hastened. They will yield herbs and salads in variety in early spring and hasten the starting of summer crops. To the flower lover they are a real necessity for the carrying of many things through the winter, and few people indeed have ever fully developed the possibilities of pleasure possessed by an ordinary glass-covered frame.



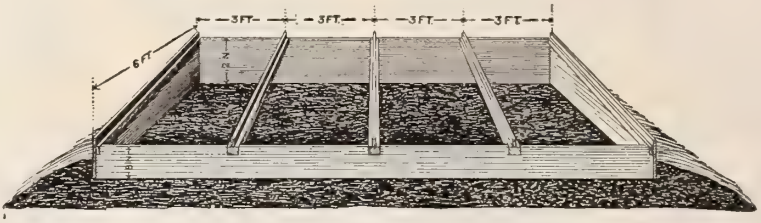
## COLD FRAMES.

The function of a cold frame is to ward off cold winds, to keep the ground clear of snow, and in the spring to increase the feeble heat of the slanting sunbeams, and thus foster plant growth.

The construction of the cold frame is very simple. The back board is usually twelve inches and the front eight inches wide. The two are connected by a tapered board twelve inches wide at one end and eight inches at the other. Standard sash are three by six (3x6) feet, and it takes a box of six by eight (6x8) inch glass to glaze three sash. We can furnish sash at $1.50 each unglazed, or $3.25 each glazed. The framework can be readily made by a local carpenter or any one handy with tools; and when complete the frame is set in a sheltered, well-drained position, usually near the house.

Mr. William Falconer, one of the foremost practical gardeners in the country, has written for us the following short article on raising seeds in a cold frame:

"A cold frame is simply a frame having sash, but no other means of heating. Fill the frame with soil to within 6 in. deep in front and 8 in. or 9 in. at back; make shallow drills, 3 in. or 4 in. apart, across the face of the soil in the frame, and in these sow the seeds, covering them thinly and tamping them gently; then water moderately through a fine rose. Now put on the sash, and keep all snug and warm until the seedlings appear, when the sashes should be tilted up during the day to admit fresh air freely and make the plants sturdy. As the seedlings wax in strength, remove the sash both day and night, in fine weather, but replace it as a protection against wet, muggy or cold weather. As soon as the plants are big enough, transplant them into the open garden. In sowing in a cold frame, carefully observe that the kinds of plants are of somewhat the same nature, strength and time of germinating. When this is not the case, or there is any uncertainty about it, better sow in pots, pans or flats, and set these close together in the frame; as the seedlings appear in the pots or flats, remove these to the lightest, sunniest place in the frame, and the ungerminated ones keep by themselves. Afterwards as regards inuring to weather, pricking off and finally transplanting, treat as directed above in the manner of seed sown in the frame."



Frame to Carry Sash of Hotbed or Cold Frame as Illustrated in Bulletin No. 195, Corbett, Bureau of Plant Industry, U. S. Dept. of Agriculture.

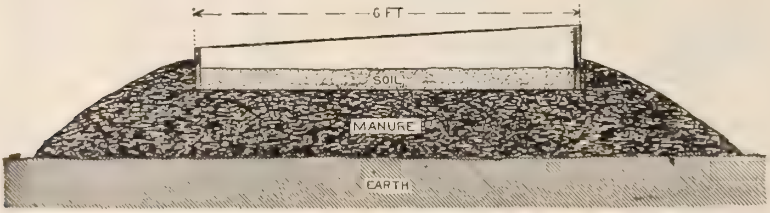
## HOTBEDS.

A hotbed is a cold frame placed upon a quantity of fermenting manure. The hotbed is usually made ready in February or March in the latitude of Philadelphia. In the preparation of the manure, it is best to collect the requisite amount from the horse stable, and make it into a compact heap, watering it if dry. In a few days active fermentation will be in progress, when the heap should be turned, watering again if necessary, shaking out the lumps. The aim is to induce an active and uniform fermentation of the whole mass, and to have it continue for some time after the soil is placed on it.

Select a well-drained spot, and make the pile of manure eight or nine feet wide by whatever length is necessary, with a depth of fifteen to eighteen inches; or a foot of soil may be dug out and filled in with manure, well tramped down. Place the frame on it. Then put three or four inches of good soil uniformly over the surface. Some manure or soil can be thrown up against the outer boards, which will help to hold the heat. Put on the sash and keep tight for three or four days. There should be a thermometer kept in the hot bed, and when the temperature falls to 75 degrees seed may be sown with safety. The temperature in a hotbed should not be allowed to go above 70 degrees in the day, nor below 50 at night.

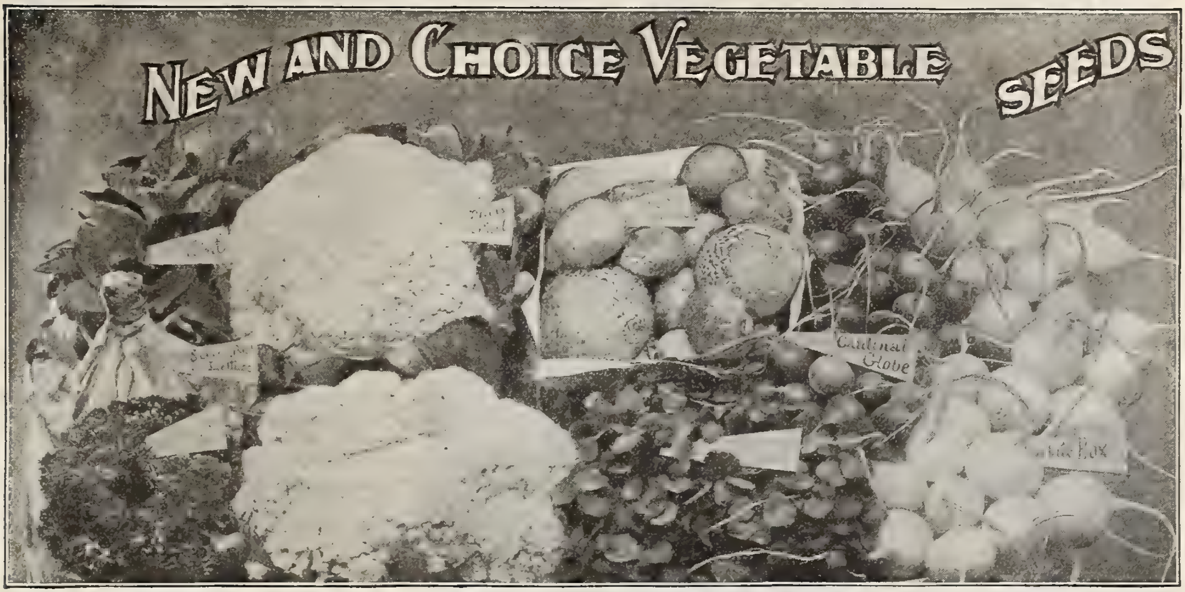
Mr. Wm. Falconer writes the following for us regarding hotbeds:

"A hotbed is like a cold frame, except that it is heated with a considerable depth of hot manure under the soil. Seeds may be sown in it in the same way as specified in the case of a cold frame, but it is safer for the amateur to sow in pots, pans or flats and set these in the hotbed than to sow in the earth bed of the hotbed. While a hotbed is new it is well to always keep a little chink of ventilation on to allow the discharge of "steam" or ammonia; if not, a damp mould will spread over the seed-pots or the seedlings will rot off. Keep the sprouted seeds by themselves, and the pots of unsprouted ones by themselves, and give increased light and ventilation to the former. As regards hardening off and transplanting, treat as for cold frames. A hotbed should be covered overhead with straw mats or carpet at night in cold weather to conserve the heat, but this covering should be removed in the daytime."



Cross-section of a Temporary Hotbed as Illustrated in Bulletin No. 195, Corbett, Bureau of Plant Industry, U. S. Dept. of Agriculture.

With a hotbed the amateur can start almost any kind of vegetable or flower seed. By sowing such vegetables as Egg Plant, Pepper, Tomatoes, etc., and such flower seeds as Heliotrope, Scarlet Sage, Vinca, Verbenas, etc., along in March, it is possible to have nice stocky plants ready to set out as soon as the weather conditions are favorable, insuring early returns from the vegetables and a long season of bloom from the flowers.



## EARLY MODEL BEET.

This is indeed a model variety, and will be highly appreciated both for forcing and growing outside. It is a fine selection of blood-red Beet, extremely smooth and of symmetrical growth, fine rich color and desirable shape. It makes a rapid growth and matures very early. The shape is nearly round and color of flesh a rich blood-red. In quality it is most excellent, being sweet, tender and free from coarseness. The tops are quite small, making it a fine variety for forcing in hotbed. It retains all the good qualities either when grown under glass or outside. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

## DREER'S SPECIAL CROSBY'S EGYPTIAN BEET.

Our special strain of Crosby's Egyptian Beet is superior to that usually sold. The seed is American-grown, from Beets selected for earliness and uniformity of shape and color. It is ready for use very early, is sweet and tender, and may be depended upon for best results, either when grown in the garden or under glass. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts; lb., $1.25.

## DREER'S "WONDER" BUSH LIMA BEAN.

This variety of Bush Lima Bean is very desirable on account of earliness, productiveness and its fixed habit of growing in the dwarf or bush form. The plants are of strong, upright growth, and are completely covered with large pods, many of which contain four beans, which are fully as large as the pole limas. The beans are flat in shape and of excellent quality. Pkt., 10 cts.; pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2.00.

## SMALL EXTRA EARLY JERSEY WAKEFIELD CABBAGE.

A variety of Jersey Wakefield Cabbage which matures earlier than the ordinary strain, and produces a firm, solid head; smaller, but of the same conical shape as the original type. It is fine for setting out early, being very hardy, and while the heads are small, the quality is fully equal to the well-known "Jersey Wakefield." Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.25.

DREER'S SPECIAL
CROSBY'S EGYPTIAN BEET

First Crop Cabbage

## SUTTON'S RED INTERMEDIATE CARROT.

This new variety of Carrot is of English origin, and its handsome shape, rich red color and fine quality will appeal to all. It grows to a desirable size, between the half-long and long varieties, and is very uniform. The shape is desirable, tapering to a decided point, and the quality is excellent, being sweet and tender. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

## DREER'S MONARCH CELERY.

This variety has taken a number of prizes at exhibitions of vegetables. The stalks are large and have a magnificent bright golden-yellow heart; very solid, brittle and of the most delicious flavor, and when properly grown is entirely free from stringiness. It is a remarkably good keeper, and presents a handsome appearance when ready for the table. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

## GOLDEN DAWN SWEET CORN.

An extra early yellow-grained variety, but when one gets the sweet, delicious taste, the color of grains is forgotten. Stalks about five feet high and bear 2 and 3 ears, free from smut and filled out to the extreme tip. Pkt., 10 cts.; pt., 20 cts. (postpaid, 25 cts.); qt., 30 cts. (postpaid, 40 cts.); 4 qts., $1.00; peck, $1.50.

## FIRST CROP CABBAGE.

This Cabbage was first introduced in England, and received an *"Award of Merit"* from the Royal Horticultural Society. It is extremely early and distinct. The heads are small, requiring but little room in the garden, and make fine, solid hearts very early. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.25.

## DANISH ROUNDHEAD CABBAGE.

Matures earlier than the Danish Ball Head; heads are round, have a short stalk, and are very hard. The interior leaves are pure white and of sweet flavor. It is a healthy variety and able to stand hot weather and resist disease. Pkt., 10 cts.; oz., 50 cts.; ¼ lb., $1.50.

## Dry-weather Cauliflower.

Especially adapted for sections subjected to long, dry seasons, as it will grow well and produce the finest heads in spite of lack of moisture. Heads grow to a large size, are very solid, pure white and of delicious flavor. Valuable for growing in the Southern States. Pkt., 20 cts.; ¼ oz., $1.00.

## KLONDIKE CUCUMBER.

This valuable variety is one of the best for slicing. The color is rich dark green, and the fruits grow to a uniform size, measuring about seven inches in length and two inches thick when in good condition for use. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

## DREER'S IMPERIAL LONG-STANDING KALE.

A beautifully curled and crimped sort, of strong, vigorous habit, perfectly hardy, attractive appearance, and a bright green color. It furnishes an abundance of greens during the fall, winter and spring. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

## DREER'S PRIZETAKER LEEK.

A fine large variety of Leek, which is very mild and tender. The Leeks grow very long and thick and are pure white in color. On account of its size and attractive appearance, this variety is an ideal one for growing to show at exhibitions. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 75 cts.

Klondike Cucumber

## HOODOO MUSKMELON.

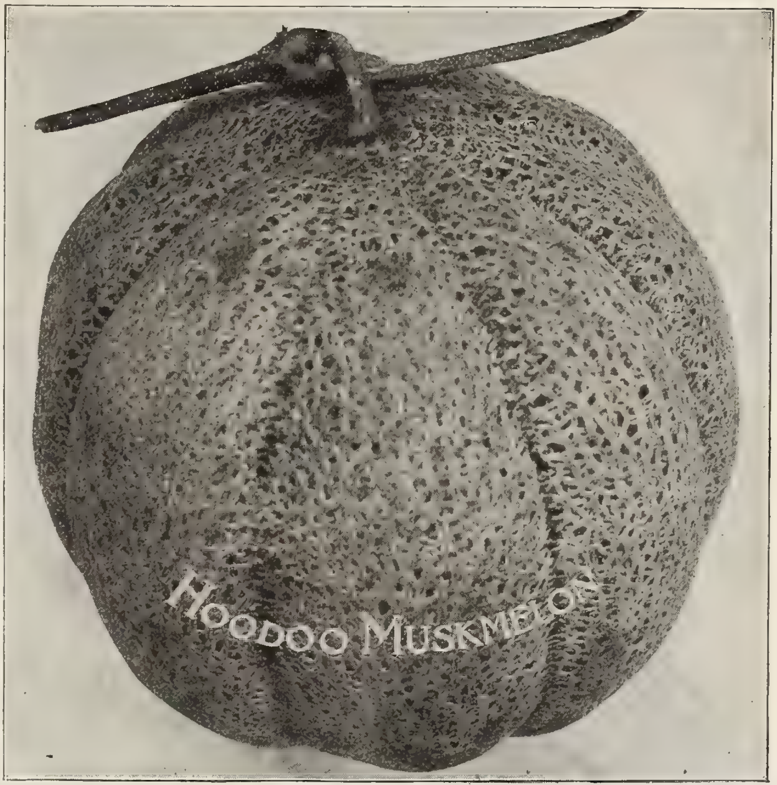
As a Muskmelon for the private garden, this variety will surely please all who plant it. The vines make a strong and vigorous growth, which enables them to withstand disease and produce an abundant crop of the most delicious Muskmelons one can imagine. The Melons are not large, but of convenient size for table use, and present a fine appearance. The rind and flesh at blossom end is very firm, the skin is thickly netted, and the flesh a rich, deep orange color, fine grained and of remarkable sweetness. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.25.

## ADMIRAL TOGO MUSKMELON.

This variety is an orange-fleshed netted Gem, or Rocky Ford, being of the same type both in size and appearance and having the beautiful netting of these varieties. The Melons are not large, but are a desirable size for serving in halves. The orange flesh insures delicious flavor, and in the "Admiral Toga" it is thick and meaty, having a very small seed cavity. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

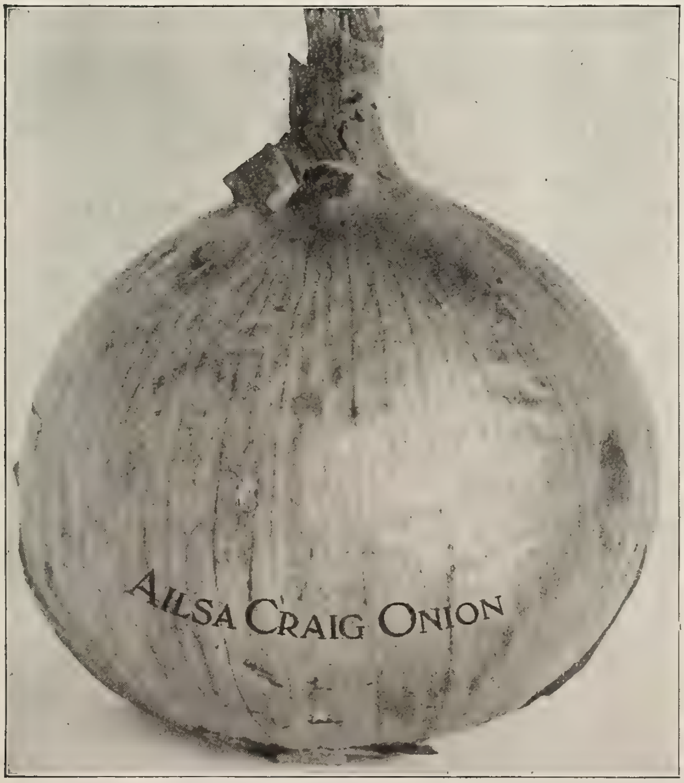
## BURRELL'S GEM MUSKMELON.

This variety comes from the melon-growing district of Colorado, made famous by the Rocky Ford Muskmelon, of which it is a counterpart, except in color of flesh, which is beautiful dark salmon or orange. Skin is rather dark green, and rind thin, leaving a thick lining of flesh, which is of most delicious, juicy flavor. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.50.



## HARRIS' EARLIEST WATERMELON.

An excellent variety of Watermelon, which will rank as one of the best early sorts. The Melons are rather large for an early variety, slightly oval in shape, skin mottled light and dark green. It grows uniform in size and shape; the flesh is solid, bright red, very tender and sweet. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.



## YELLOW ICE CREAM WATERMELON.

This Watermelon is a product of California, to which State we are indebted for many of our most luscious fruits and vegetables. The flesh is a rich golden-yellow, but, unlike other varieties of this character, it is entirely free from coarseness, and it is sweet, luscious and melting. It grows to large size, oblong shape, with dark green rind. Many persons have never seen a yellow-fleshed Watermelon, and to these it will prove an interesting novelty. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

## AILSA CRAIG ONION.

A very large, yellow-fleshed variety of Onion which is popular with English gardeners. It resembles the American variety, "Prizetaker," but will grow much larger and more globular in form. The skin is an attractive straw-color, flesh is mild, and the Onions keep remarkably well for such large size. It will prove valuable to those who grow Onions for exhibition purposes, as it is the most attractive and showy Onion that can be grown. For producing the largest and best Onions, it is best to sow seed in the hotbed early in spring and transplant when of sufficient size. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25; lb., $4.00.

DREER'S
DWARF PERFECTION
PARSLEY

## DREER'S DWARF PERFECTION PARSLEY.

This is a fine and most valuable Parsley. The habit is regular and compact, and the exquisitely fine and prettily curled leaves are set so closely that the form of the plant is almost semi-globular. The color is a wonderful bright pea-green, and flavor surpasses all other Parsley. This variety combines the quality of a fine culinary herb with that of a beautiful decorative plant. and is equally valuable for garnishing purposes and borders. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $3.50.

## HOT BELL PEPPER.

To supply the demand for a large Pepper with hot flavor, we secured stock seed of this variety from an Italian gardener, and are now in position to furnish seed to our customers. In shape this variety resembles the well-known "Bell, or Bull-nose" Pepper; but the flesh is exceedingly hot, making it useful where a pungent flavor is desired. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.00.

## GIANT CRIMSON PEPPER.

A new variety of sweet Pepper, which matures very early. The plants are of upright growth and very vigorous, producing Peppers nearly as large as "Chinese Giant." A valuable feature of this variety is that the fruits will ripen earlier than any other sweet Pepper. When matured, the fruits are deep crimson and flesh very mild, making it useful for stuffing with cabbage. This new Pepper is the most desirable of all the sweet varieties. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50.

## EARLY MORN PEA.

An English variety of the Gradus type with many desirable qualities. In our trial grounds it matured about the same time as Gradus, and bore large, handsome pods in profusion. The Peas are large, closely packed in the pod, and the flavor is sweet and delicious. Those who know the good qualities of Gradus will not be disappointed in their trial of this variety. Pkt., 10 cts.; pt., 30 cts. (postpaid, 38 cts.); qt., 55 cts. (postpaid, 70 cts.); 4 qts., $2.00; peck, $3.50

# FOUR FINE VEGETABLES.

**See colored plate opposite.**

## DARK-LEAVED GLOBE BEET.

This excellent new variety of Beet was offered by us for the first time last year, and has given satisfaction wherever planted. It is a splendid type of the blood-turnip variety, the originator, in making his selections, having in mind an ideal Beet combining good quality with the beautiful globe shape. The extremely dark foliage of this new variety is a striking feature, while the corresponding rich, dark color of flesh and beautiful globe shape combine to make it one of the most attractive varieties recently introduced. The quality is excellent, being sweet and tender. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

## CARPINTERIA POLE LIMA BEAN.

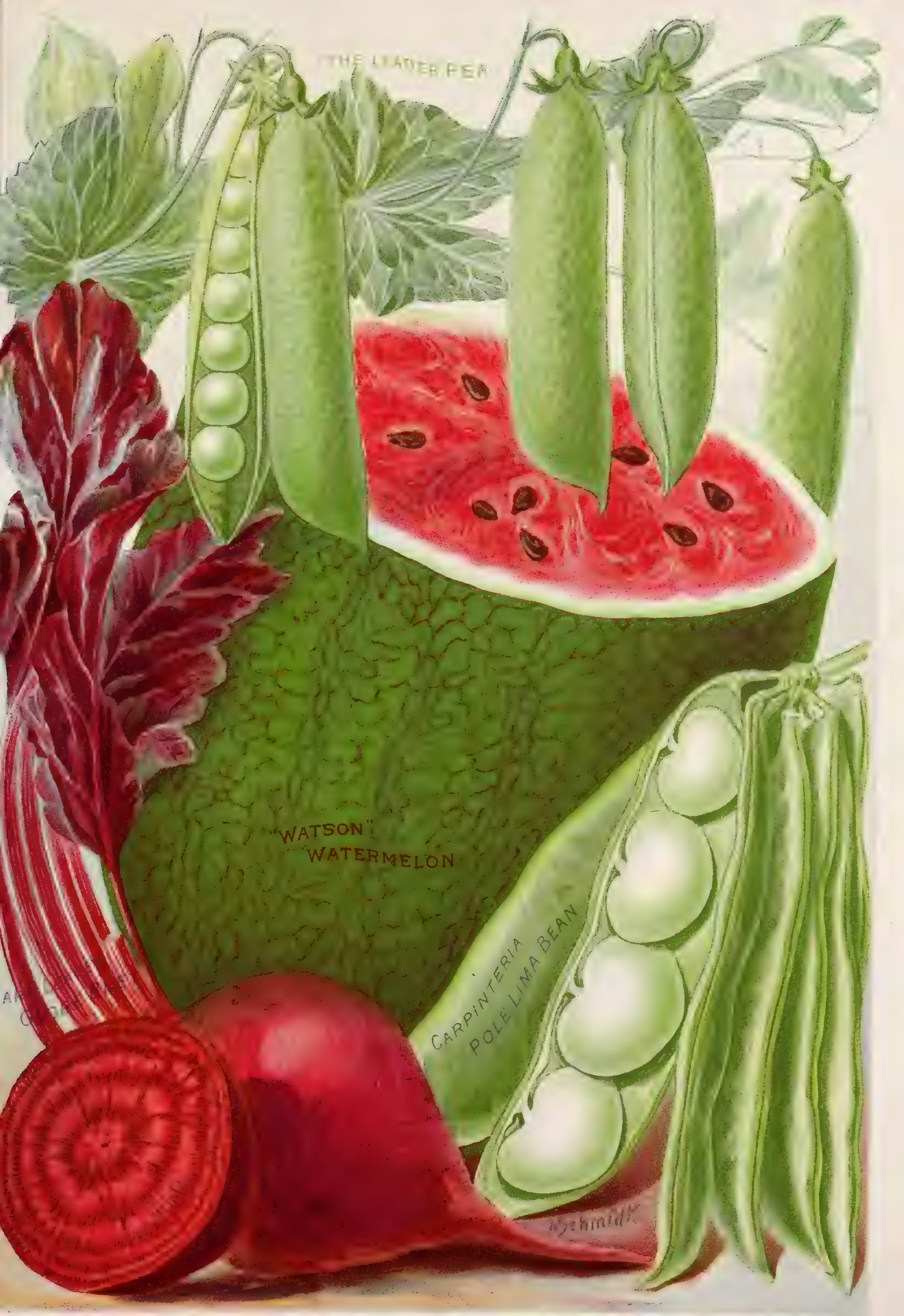
The Beans of this new pole lima have a greenish tint, an indication of good quality and an advantage in appearance over the white-skinned varieties. It originated in California as a sport, but the type has been thoroughly fixed, retaining the greenish tint. Vines are vigorous and make strong growth, producing large quantities of pods, containing four large Beans, which are thicker than the ordinary lima, and retain their color even when in the dry state. The Beans cook nicely, and being thin-skinned are exceedingly tender and of fine flavor. The originator, who is a skilful grower, claims that the "Carpinteria" is the most perfect lima Bean ever introduced. Pkt., 10 cts.; pt., 25 cts. (postpaid, 33 cts.); qt., 45 cts. (postpaid, 60 cts.); 4 qts., $1.50; peck, $2.50.

## WATSON WATERMELON.

A large, oblong variety of Watermelon which has met with favor wherever grown, and is fast becoming a favorite with both grower and consumer. It originated in Georgia, a State noted for producing fine Watermelons, and this new variety is a good example of what a first-class Watermelon should be. The rind is thin, but tough, and the flesh a bright, attractive red color, very solid and of a delicious, sweet and satisfying flavor. Its appearance and quality strongly recommend it both for home use and for market. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

## THE LEADER PEA.

This grand new variety was produced by carefully selecting the rounder seeds found in "Gradus, or Prosperity;" the originator desiring to secure a more hardy variety. It is an English Pea, and the seed we supply was grown for us in England The vines grow three feet high, make a vigorous growth and produce the large pods in great abundance fully as early as "Gradus," but usually larger and more pods to each plant. It is hardy and may be planted very early, thus providing a supply of luscious Peas at a very early season. Pkt., 10 cts.; pt., 30 cts. (postpaid, 38 cts.); qt., 55 cts. (postpaid, 70 cts.); 4 qts., $2.00; peck, $3.50.


"THE LEADER" PEA
"WATSON" WATERMELON
CARPINTERIA POLE LIMA BEAN
Schmidt

Davis Perfect Cucumber
Giant Lucullus Swiss Chard
Dreer's All-Heart Lettuce
Netted Rock Muskmelon

## DAVIS' PERFECT CUCUMBER.

(See illustration on opposite page.)

This variety will soon take the place of the best strains of White Spine and other desirable Cucumbers. For several years it was controlled by the originator, who is one of the leading market gardeners in the West, and after whom the variety is named. Mr. Davis states that he experimented several years in trying to get an improved strain of Cucumber for forcing under glass and outside culture, and has finally fixed a "*Perfect*" type, combining quality, shape, color and productiveness. The Cucumbers grow long and slim, sometimes measure 12 inches in length; the color is a rich, dark, glossy green, which they hold until nearly ripe, when they turn white without a sign of yellow. It is very tender, brittle and of fine flavor. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

## GIANT LUCULLUS SWISS CHARD.

(See illustration on opposite page.)

The Swiss Chard, or Spinach Beet, is largely grown in Europe, and is usually prepared for the table in the same manner as Spinach; sometimes, however, the midrib is prepared like Asparagus, with drawn butter. Seed planted early in the spring will quickly produce plants from which cuttings may be made all summer, as you can cut right down to the ground, and new shoots will soon spring up and make a fast growth, while those plants which are allowed to grow on without any cutting will make large, curly leaves, with thick, light-colored midribs, which are delicious when cooked and served like asparagus. "Giant Lucullus" is the largest and best variety of Swiss Chard, and you should not fail to plant at least one long row in your garden this spring. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.

## DREER'S ALL-HEART LETTUCE.

(See illustration on opposite page.)

Introduced by us several years ago, this variety of head-lettuce has continually grown in the favor of both private and market gardeners. It is the most reliable hard-heading lettuce ever introduced, and far superior to all other varieties of cabbage-lettuce. A thoroughly dependable variety and appropriately named, on account of the beautiful hard head it makes, rarely ever missing a single plant. It is adapted to both spring and summer use, as it withstands intense heat. Forms magnificent large heads, leaves closely set, with extremely solid heart, even before it is half grown. The color is a beautiful yellowish-green and the flavor is excellent, being rich and buttery. This is the very best Lettuce for the private garden. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

## NETTED ROCK MUSKMELON.

(See illustration on opposite page.)

A handsome and distinct variety, about the same size as Rocky Ford, but more heavily netted. The seed cavity is small, and the flesh, which is green, is thick and sweet, containing a higher percentage of sugar than any other variety. An important feature of this variety is its ability to withstand rust and blight, so much so that it is almost proof against either. The size and shape combine to make this variety well adapted for both home use and shipping. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.50.

MARKET SURPRISE PEA

## MARKET SURPRISE PEA.

This new early Pea was first sent to us by a leading seed grower in England, and in a careful test, made at our trial grounds, we found it to be a valuable addition to the early varieties and well adapted for use of both amateurs and market gardeners. The plant grows to a height of 30 inches, and is very thrifty, producing the pods in surprisingly large quantities. Pods are large and well filled with Peas, which are remarkably sweet and fine flavored. This new variety matures the crop in sixty-five days, and is excellent for early planting. Pkt., 10 cts.; pt., 30 cts. (postpaid, 38 cts.); qt., 55 cts. (pospaid, 70 cts.); 4 qts., $2.00; peck, $3.50.

## SUTTON'S EXCELSIOR PEA.

This handsome new wrinkled Pea is so hardy that it may safely be planted as early as the hard-seeded "Extra Earlies." The plants are dwarf, growing about 14 inches high, very stout and exceedingly productive, and the quality is all that could be desired. It makes the largest pods of any of the low-growing wrinkled Peas, and matures nearly as early as Nott's Excelsior, but bears broader pods, and the foliage is a lighter shade of green. This variety well deserves the attention of all who plant Peas for home use, and when the seed can be secured in sufficient quantities, it will be a favorite variety with up-to-date market gardeners. Pkt., 10 cts.; pt., 30 cts. (postpaid, 38 cts.); qt., 55 cts. (postpaid, 70 cts); 4 qts., $2.00; peck, $3.50.

New Perfection Radish

## NEW PERFECTION RADISH.

This excellent new variety of Radish is remarkably attractive on account of its rich markings. It is a red Radish, with beautiful white tip, which extends much higher than is usual in a Radish of this character, and the upper portion is a brilliant red. It grows rapidly, and is uniform in size and shape; also very solid, crisp and tender. Pkt., 10 cts.; oz., 15 cts; ¼ lb., 40 cts.; lb., $1.25.

## EARLIEST RED MAY RADISH.

This variety makes fine Radishes, ready for the table in about twenty days, and they are of a uniform and desirable size, have small tops and are of a delightful flavor. A fine variety for growing the earliest Radishes in the kitchen garden, and also valuable for forcing under glass. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

## EARLIEST WHITE MAY RADISH.

This beautiful little Radish will make a fine companion for the Red May described above, and produces the Radishes even earlier. The quality is good, being mild and tender, and the beautiful white skin, together with uniform shape and small top, make it all that could be desired. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

## LONG SEASON SPINACH.

This variety is well adapted for the summer season, when other sorts quickly run to seed. Sowings can be made in early spring and followed monthly with further sowings, and the crop will be continuous throughout the entire summer. The leaves are a rich dark green color, very thick, crumpled and of splendid quality. The name "Long Season" is well chosen, as this Spinach will continue growing through spring, summer and winter. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

## DREER'S EARLY JERSEY WHITE BUSH SQUASH.

An improved strain of White Bush Squash, the result of selections made by a prominent gardener. It grows in the bush form, and is enormously productive. The Squashes mature fully ten days earlier than the old sort, and are of good size. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

## EARLY DETROIT TOMATO.

A new early Tomato with skin of an attractive purplish-pink color. The vine is very vigorous, makes a much stronger growth than most other early varieties, and continues to bear throughout the entire season. The Tomatoes are medium to large in size and nearly round in shape, smooth, solid and of excellent flavor. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

## LIVINGSTON'S HUMMER TOMATO.

A good variety for the home garden, especially when grown on stakes or trellises. The Tomatoes, which are borne in clusters, are always smooth and very solid. The skin is bright scarlet and very attractive; flesh rich crimson-scarlet and of the best quality. The fruits are as round as an apple and have very little indenture about the stem end, thus eliminating waste in preparing for use. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.00.

Early Detroit Tomato

GENERAL LIST OF

# Dreer's Reliable Vegetable Seeds.

**DREER'S SEEDS have been for Seventy-three years a Standard Among the Best Gardeners of this Country, for Undoubted Purity and Excellence.**

**The Cultural Directions** given in this book for growing Vegetables have been thoroughly revised and brought to date by the well-known authority, **Mr. T. Greiner,** and are for the latitude of Philadelphia. Persons living in a more southern latitude should start earlier, while those living farther north should begin to plant later.

## ARTICHOKE.

*Artischoke*, GER. *Artichaut*, FR. *Alcachofa*, SP.

CULTURE.—The scales and bottom of flower head are eaten either boiled or raw as a salad. The young suckers are sometimes tied together and blanched, and served in same manner as Asparagus. The plants thrive best in deep, rich soil, where the water will not lodge about them in winter. Plants are set in rows 3 feet apart and 2 to 3 feet apart in the row. The crowns should be covered with coal ashes in winter to shed the water, and over these a good covering of leaves, held in place by a little earth or litter. When spring arrives remove the leaves, but do not disturb the ashes until signs of growth appear, after which the ashes should be spread out a little over the ground. Seeds may be sown indoors and plants potted same as the Tomato and set out in May, or can be sown in hills outside, and thinned out to one plant in hill. It makes a good growth the first year, and some may be obtained during August and September; but the next year all plants will flower and continue to do so for years. In two or three years the crowns may get too large, in which case they should be divided into two or four pieces to a hill. This work should be done when growth is about to start in the spring, and they will make good plants and flower the first year.

### ARTICHOKE SEEDS.

**One ounce will produce about 500 plants.**

**Large Green Globe.** Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.00.

### ARTICHOKE PLANTS.

**Plants of Dreer's Selected Large Green Artichokes.**

Artichokes are not always satisfactory when grown from seed, owing to the numerous and undesirable types thus produced. We have arranged to furnish plants of Dreer's Selected Large Green Artichoke, which is the best kind sold in the Paris market. These plants will be ready for shipment after March 1st. Per doz., $1.50; per 100, $10.00, by express.

### ARTICHOKE ROOTS.

**Jerusalem Artichoke.** Distinct from the Globe, and propagated by and for its tubers. Plant in rows 3 feet apart and 12 to 14 inches apart in the row, and cultivate occasionally. Let tubers remain in the ground until needed. Used for pickling and for feeding stock. Price of tubers: Qt., 25 cts.; peck, $1.25; bu., $4.00. (2 lbs., by mail, 50 cts.)

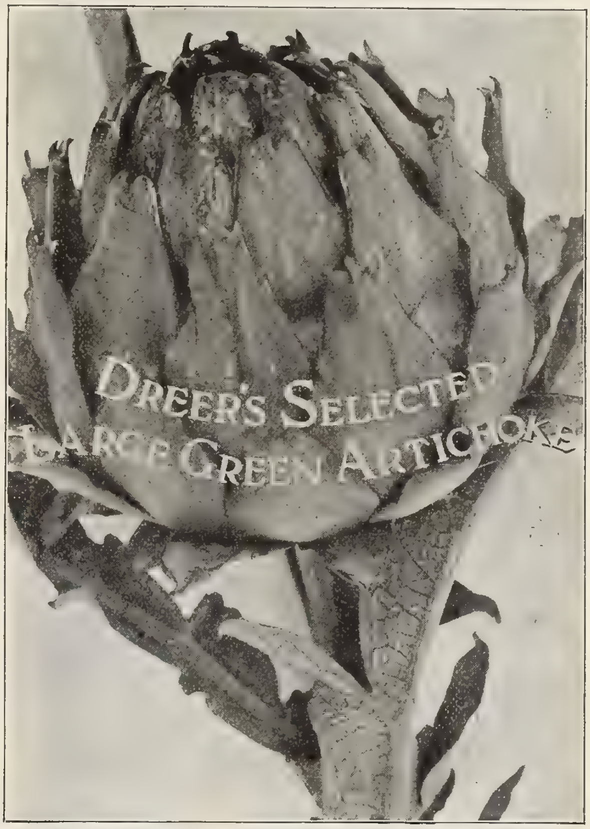
## ASPARAGUS SEED.

*Spargel*, GER. *Asperge*, FR. *Esparrago*, SP.

**One ounce will produce about 200 plants; 4 to 5 lbs. to the acre.**

CULTURE.—Any good loamy, not too weedy, garden land is good for growing the plants. Sow in rows 12 to 15 inches apart, as early in spring as the ground is in fit condition, and give good cultivation; also thin the plants to stand 2 or 3 inches apart. Deep, warm, rich, loamy soil, deeply and thoroughly stirred, is required for permanent bed. Use manure and fertilizers freely. Make furrows 2 or 4 feet apart and 8 to 10 inches deep. Set the two-year-old seedlings 18 to 24 inches apart in the bottom of furrows and cover lightly at first. Gradually fill in with soil and old compost. In early spring fork or plow the bed shallow and carefully, or pulverize the surface by harrowing. Give clean cultivation until fall; then cover with manure or compost. Second season after planting hill up the rows, especially for blanched "grass," and cut sparingly for use. After that the bed will give full crops.

**Dreer's Special Circular on Asparagus Culture Free.**



**DREER'S Eclipse Asparagus.** (See cut.) This variety is the result of a most careful selection and "breeding up" to the large type, yet retaining that delicate light green color and tender quality desired. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.

**Argenteuil.** This variety is largely grown in France for the Paris market. The stalks grow to a mammoth size, sometimes weighing as much as 4 ounces each. Pkt. 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.

**Barr's Mammoth.** A fine, large-stemmed green variety. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.

**Conoyer's Colossal.** Large and productive. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.

**Palmetto.** An early, prolific and very desirable variety. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.

**Donald's Elmira.** Of mammoth size, fine quality. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.

**Columbian Mammoth White.** Large white stalks. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.

### ASPARAGUS ROOTS.

**Strong two-year-old roots of our own growing, from selected seed.** Add 50 cts. per 100 if by mail.

**DREER'S Eclipse, Argenteuil, Palmetto, Barr's Mammoth, Columbian Mammoth White and Conover's Collossal.** Each 75 cts. per 100; $6.00 per 1000.

*Krup Bohnen,* GER.

# BEAN—Dwarf or Bush.

*Haricots Nains,* FR. *Frigolis,* SP.

**One quart will plant one hundred feet of drill.**

**Culture.**—Beans are somewhat tender, but it often pays to take some risks. Plant in warm, loamy soil at the beginning of settled, warm weather in spring, and at intervals for succession until August. Rows may be made 2 feet apart, and the Beans planted a few inches apart in the drills, or 3 or 4 Beans in hills 6 to 8 inches apart. Cultivate and hoe frequently, always, however, when the vines are perfectly dry. In hoeing draw the soil up towards the rows or plants. For String Beans gather the pods clean as soon as fit for use. The plants will remain all the longer in bearing.

MAMMOTH STRINGLESS GREEN-POD BEAN

## GREEN-PODDED VARIETIES.

**Improved Extra Early Red Valentine.** Extra early round pod. Our strain of this popular variety is very fine, and has been selected especially for earliness and good quality. It is one of the most profitable sorts for private use or market. Pt., 20 cts. (postpaid, 28 cts.); qt., 30 cts. (postpaid, 45 cts.); 4 qts., $1.00; peck, $1.75.

**Stringless Green Pod (Burpee's).** Positively stringless, ripens earlier than Valentine, and remains tender and crisp a long time after maturity. Pods are pale green, long and straight, round and meaty. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15 cts; peck, $2.00.

**Packets of Beans, 10 cts. each, postpaid.**

**Mammoth Stringless Green Pod.** (See cut.) The earliest of all green-podded sorts, and produces large, handsome pods, some of which measure fully six inches in length. The plants are very productive, bearing pods which are perfectly round, very fleshy and entirely stringless. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2.00.

**Long Yellow Six Weeks** (*Flat Pod*). Very early and prolific; long, green, tender pods. Pt., 15 cts. (postpaid, 23 cts.); qt., 25 cts. (postpaid, 40 cts.); 4 qts., 90 cts.; peck, $1.50.

**Early Mohawk.** It can be planted very early, and produces large, strong vines, which bear profusely. Pt., 15 cts. (postpaid, 23 cts.); qt., 25 cts. (postpaid, 40 cts.); 4 qts., 90 cts.; peck, $1.50.

**Extra Early Refugee.** The pods are very fleshy and of fine quality; vines small, but stand up well. Pt., 15 cts. (postpaid, 23 cts.); qt., 25 cts. (postpaid, 40 cts.); 4 qts., 90 cts.; peck, $1.50.

**Black Valentine Beans.** Pods are long, round and straight, very attractive in appearance, and of good quality. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2.00.

**Bountiful.** Pods grow to large size, are broad and fleshy, cook tender and fine quality. Pt., 20 cts. (postpaid, 28 cts.) qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2.00.

**Longfellow.** This variety produces an abundance of large green pods, which are very tender and of fine flavor. Pt., 20 cts. (postpaid, 28 cts.); qt., 30 cts. (postpaid, 45 cts.); 4 qts., $1.00; peck, $1.75.

**Full Measure.** Pods round and extremely long, many measuring five inches, and perfectly stringless. The quality is excellent, being very tender and remaining so even after pods mature. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2 00.

**Refugee, or 1000 to 1.** Of compact growth and very prolific. The pods are light green, very solid and tender. Pt., 15 cts. (postpaid, 23 cts.); qt., 25 cts. (postpaid, 40 cts.), 4 qts., 90 cts.; peck, $1.50.

**Giant Forcer.** A new variety of green-podded Bean, suitable for forcing under glass and also for outdoor culture. The pods mature very quickly, and are exceedingly attractive, both in color and shape. They are large, measure 5 to 6 inches in length; half-round in shape and very tender. Pt., 25 cts. (postpaid, 33 cts.); qt., 45 cts. (postpaid, 60 cts.); 4 qts., $1.50; peck, $2.50.

**Triumph of the Frames.** A good variety for forcing. Produces a mass of pale green pods, is very dwarf, prolific, and of rich, tender quality. Pt., 40 cts. (postpaid, 48 cts.); qt., 75 cts. (postpaid, 90 cts.); 4 qts., $2.50.

## DWARF VARIETIES OF SHELL BEANS.

**Michigan Wonder Pea Bean.** This new variety of Pea Bean will outyield all others, and is safer to grow because it ripens earlier and matures the entire crop about the same time. The plant makes a vigorous growth, bearing pods high up, so that none are damaged by coming in contact with the soil. Pt., 15 cts. (postpaid, 23 cts.); qt., 25 cts. (postpaid, 40 cts.); 4 qts., 75 cts.; peck, $1.25.

**Boston Pea Bean** (*Navy*). An excellent variety of very productive habit. Pt., 15 cts. (postpaid, 23 cts.); qt., 20 cts. (postpaid, 35 cts.); 4 qts., 65 cts.; peck, $1.15.

**White Marrowfat.** Extensively grown for sale as a dry Bean, for winter use. Pt., 15 cts. (postpaid, 23 cts.); qt., 20 cts. (postpaid, 35 cts.); 4 qts., 80 cts.; peck, $1.40.

# BEANS—CONTINUED.

**Packets of Beans, 10 cts. each, postpaid.**

## SHELL BEANS.—Continued.

**White Kidney, or Royal Dwarf.** A superior kind for baking. Pt., 15 cts. (postpaid, 23 cts.); qt., 25 cts. (postpaid, 40 cts.); 4 qts., 80 cts.; peck, $1.40.

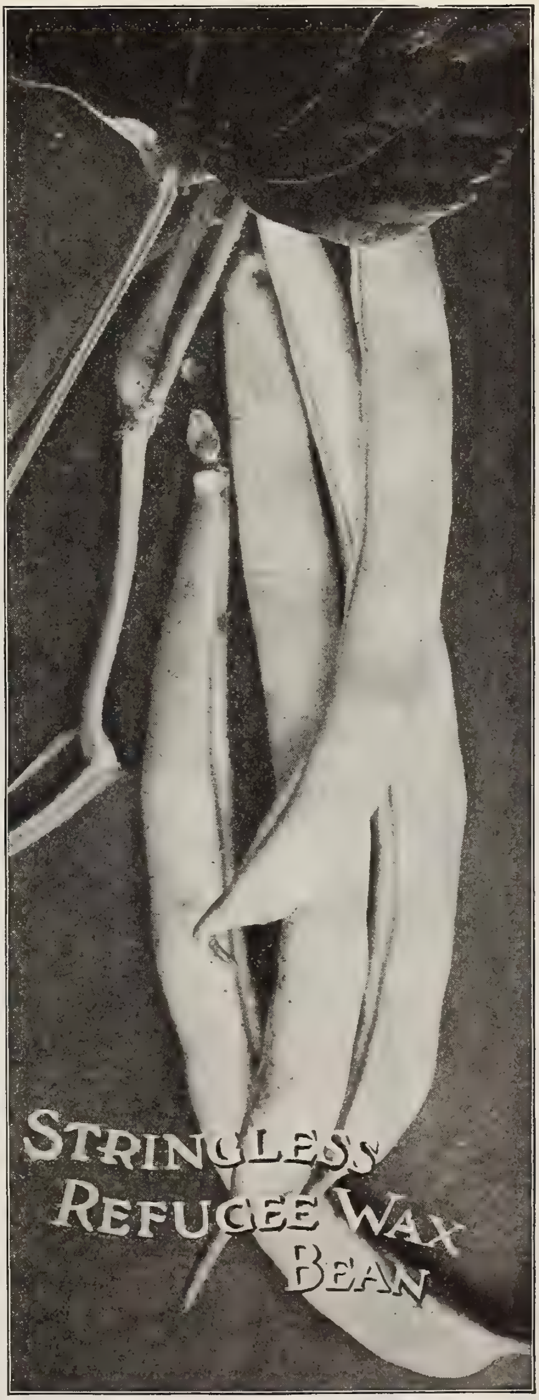
**Black Turtle Soup.** Used as a winter shelled Bean, for which it is much esteemed. Pt., 15 cts. (postpaid, 23 cts.); qt., 25 cts. (postpaid, 40 cts.); 4 qts., 80 cts.; peck, $1.40.

**Green Flageolet** (*Wonder of France*). Used extensively, shelled green. Pt., 40 cts. (postpaid, 48 cts.); qt., 75 cts. (postpaid, 90 cts.); 4 qts., $2.50.

**Broad Windsor.** This is an English variety, used as a shell Bean. Should be planted early in spring in drills 3 feet apart, and seed covered to a depth of 2 inches. Pt., 15 cts. (postpaid, 23 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.00.

## WAX OR YELLOW-PODDED VARIETIES.

**Stringless Refugee Wax.** (See cut.) This variety of dwarf Wax Bean is an improved type of the Refugee Wax, to which it is far superior in every way. The plants are of very robust growth and extremely productive, bearing profusely the large, beautiful pods, which are of delicious flavor. Plants of this variety have been grown containing as many as twenty-five fully developed pods at one time. The pods are round and very large, usually containing five Beans each, and are always stringless. The color is a rich golden-yellow, and the quality is excellent. Pt., 25 cts. (postpaid, 33 cts.); qt., 40 cts. (postpaid, 55 cts.); 4 qts., $1.25; peck, $2.25.



**Michigan White Wax.** A white-seeded Golden Wax Bean of superior quality, attractive appearance and great productiveness. The plant grows larger than Golden Wax, and produces an abundant crop of large, meaty pods, which are of a bright golden-yellow color, exceedingly attractive and very uniform in color and shape. The quality is excellent, and because of the seed being white the pods show no discoloration when cooked and ready to be served at the table. It is also a fine Bean when dried and used for soup and baking. Pt., 25 cts. (postpaid, 33 cts.); qt., 45 cts. (postpaid, 60 cts.); 4 qts., $1.50; peck, $2.50.

**Hodson Wax-pod.** An abundant bearer of bright yellow pods. The plants make a strong growth, are healthy, and pods withstand rust. The pods are produced in great quantities all over the plant. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2.00.

**Improved Rust-proof Golden Wax.** An improvement on the original Golden Wax. The pods grow long, nearly straight, broad, flat and clear yellow. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2.00.

**Improved Prolific Black Wax** (*Cylinder Wax*). This is a marked improvement on the old Black Wax; pods waxy yellow, very tender and productive. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2.00.

**Wardwell's Kidney Wax.** A popular variety of Wax Bean, bearing long, flat pods, of a delicate waxy yellow, stringless and brittle, producing a heavy crop. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2.00.

**Pencil Pod Black Wax.** It is an improvement on the Prolific Black Wax, hardier and more prolific. Pods are long, pencil-like, very tender and brittle. In color they are a rich, dark yellow, much more attractive than Prolific Wax. It also remains in good picking condition for a long season. Pt., 25 cts. (postpaid, 33 cts.) qt., 40 cts. (postpaid, 55 cts.); 4 qts., $1.25; peck, $2.25.

**Round Pod Kidney Wax.** This handsome variety of wax-podded Bean is an improved type of the well-known Wardwell's Kidney Wax. The pods are long, straight and extremely handsome; an exceedingly heavy bearer, and is of excellent quality. Pt., 25 cts. (postpaid, 33 cts.); qt., 40 cts. (postpaid, 55 cts.); 4 qts., $1.25; peck, $2.25.

**Currie's Rust-proof Wax.** An improvement on the old-fashioned Golden Wax. It is absolutely rust-proof; the pods grow long, flat, are very tender and of the finest quality. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2.00.

**Saddle-back Wax.** This variety is of beautiful shape and color, and produces pods that are long, round, very solid and absolutely stringless. Pt., 25 cts. (postpaid, 33 cts.); qt., 40 cts. (postpaid, 55 cts.); 4 qts., $1.25; peck, $2.25.

**Scarlet Flageolet, or Perfection Wax.** An excellent golden-podded dwarf Bean. Pt., 25 cts. (postpaid, 33 cts.); qt., 40 cts. (postpaid, 55 cts.); 4 qts., $1.25; peck, $2.25.

**Yosemite Mammoth Wax.** A giant among Beans. The pods, frequently reaching a length of from 8 to 10 inches, are of great thickness. Pt., 25 cts. (postpaid, 33 cts.); qt., 45 cts. (postpaid, 60 cts.); 4 qts., $1.50; peck, $2.50.

**Davis Wax.** Pods are flat, very long, white, straight and handsome. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2.00.

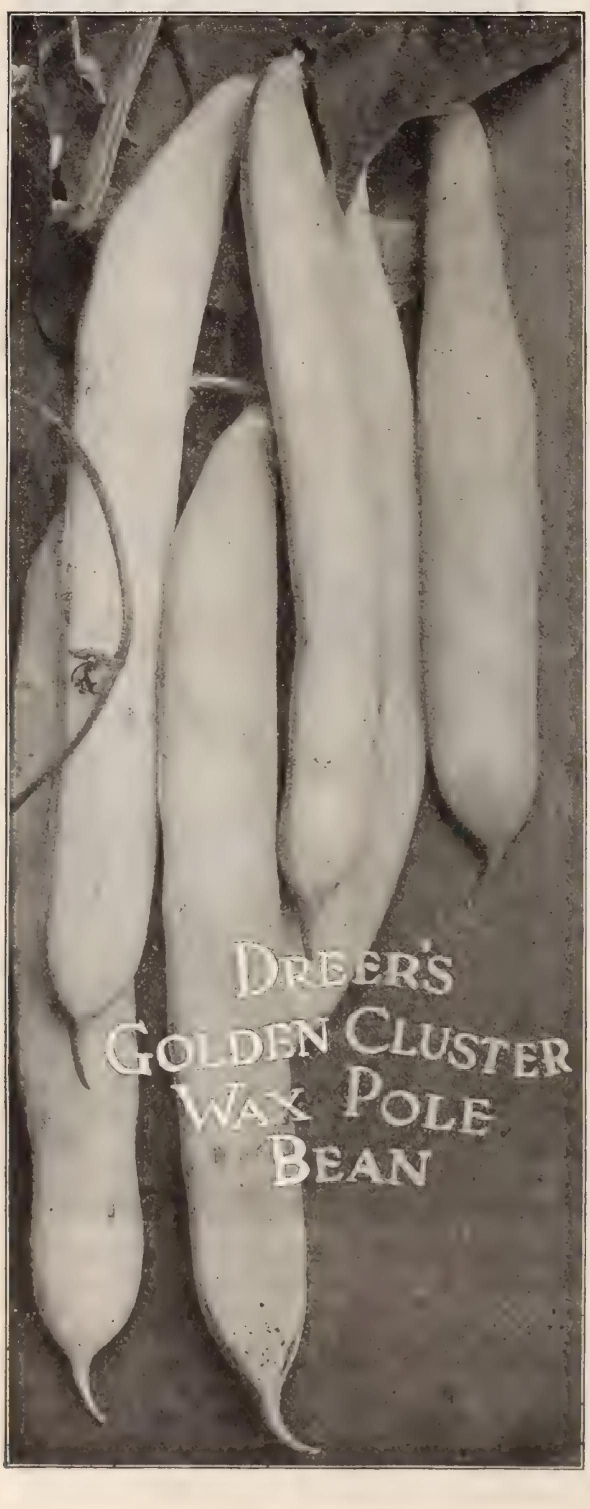
**Crystal Wax, or Silver Bean.** Pods silvery-white and very tender. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2.00.

*Stangen Bohnen*, GER.

# POLE BEANS.

*Haricots, a rames*, FR.
*Frijol vastago*, SP.

**CULTURE.**—Pole Beans, especially Limas, require warm and very rich, loamy soil. Plant when the soil has become well warmed through in spring. If planted in cold or soggy soil, the seed will rot. Use poles 5 to 8 feet long set in rows 4 feet apart each way, or in drills, if wire trellis is used. Plant 4 to 6 Beans around each pole, and thin out to 3 plants to a pole, or 2 to 3 Beans may be planted in hills a foot apart under a wire trellis. Cultivate freely, and if possible top-dress around each hill with small quantity of poultry manure, compost or some good fertilizer. When hoeing, work this dressing well into the soil. Sprouted Limas transplant easily. You can get a picking ahead of your neighbor's by starting the Beans under glass in April and transplanting to open ground in proper season. **One quart will plant 150 to 200 hills.**



**Packets of Beans, 10 cts. each, postpaid.**

## POLE BEANS—WAX POD.

**Dreer's Golden Cluster Wax.** (See cut.) Bears long golden-yellow pods in clusters, and continues for a long time. Pt., 25 cts. (postpaid, 33 cts.); qt., 45 cts. (postpaid, 60 cts.); 4 qts., $1.50; peck, $2.50.

**Golden Carmine Wax.** A new variety of Pole Bean of the Horticultural type, but bearing bright golden pods. Pt., 25 cts. (postpaid, 33 cts.); qt., 45 cts. (postpaid, 60 cts.); 4 qts., $1.50; peck, $2.50.

## POLE BEANS—GREEN POD.

**Kentucky Wonder, or Old Homestead.** (See cut, page 15.) Excellent for snap-shorts and matures early. The vines make a strong, vigorous growth, climb the poles well and produce quantities of the large pods, which grow in clusters and are of good quality. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2.00.

**White Creaseback, or Best of All.** Early, productive and fine quality. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2.00.

**Lazy Wife's.** Pt., 25 cts. (postpaid, 33 cts.); qt., 40 cts. (postpaid, 55 cts.); 4 qts., $1.25; peck, $2.25.

**White Dutch Runner.** Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2.00.

**Scarlet Runner.** Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2.00.

**Horticultural, or Speckled Cranberry.** Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2.00.

**White Dutch Case-Knife.** Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2.00.

## BUSH LIMA BEANS.

**Culture.**—Select land that is especially warm, rich, and well supplied with vegetable fibre or humus. Plant as soon as the soil has become warm in the spring. Make the rows 2 feet apart and give to each plant 6 inches space in the row. A top-dressing of poultry manure, ashes, or some good fertilizer or compost around the plants will be of much benefit in hastening maturity and increasing the yield.

**Dreer's Wonder Bush Lima.** (See Specialties, page 5.) Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2.00.

**Dreer's Bush Lima.** A dwarf variety of the Dreer's Improved Lima. The Beans grow close together in the pods, producing 3 to 4 and sometimes 5 in a pod, and are thick, sweet and succulent. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2.00.

**Fordhook Bush Lima Bean.** This valuable variety is a perfected form of Dreer's Bush Lima, which variety it resembles in form of pod and shape of Bean, but both are larger and the plant is of a strong, upright growth, protecting the pods from contact with the soil, thus preventing rust and rot. Pt., 25 cts. (postpaid, 33 cts.); qt., 45 cts. (postpaid, 60 cts.); 4 qts., $1.50; peck, $2.50.

**Burpee's Bush Lima.** A bush form of the Large White Lima. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2.00.

**Burpee—Improved Bush Lima.** Pods and Beans are extremely large. Plant grows more erect than Burpee's Bush Lima and is more productive. Pt., 25 cts. (postpaid, 33 cts.); qt., 45 cts. (postpaid, 60 cts.); 4 qts., $1.50; peck, $2.50.

**Henderson's Bush Lima.** A dwarf variety of the Sieva or Small Lima. Pt., 20 cts. (postpaid, 28 cts.); qt., 30 cts. (postpaid, 45 cts.); 4 qts., $1.00; peck, $1.75.

# POLE LIMA BEANS.

**Cultural directions same as given for Pole Beans on page 14.**

**Packets of Beans, 10 cts. each, postpaid.**

**Carpinteria Lima.** (See colored plate and page 8.) Pt., 25 cts. (postpaid, 33 cts.); qt., 45 cts. (postpaid, 60 cts.); 4 qts., $1.50; peck, $2.50.

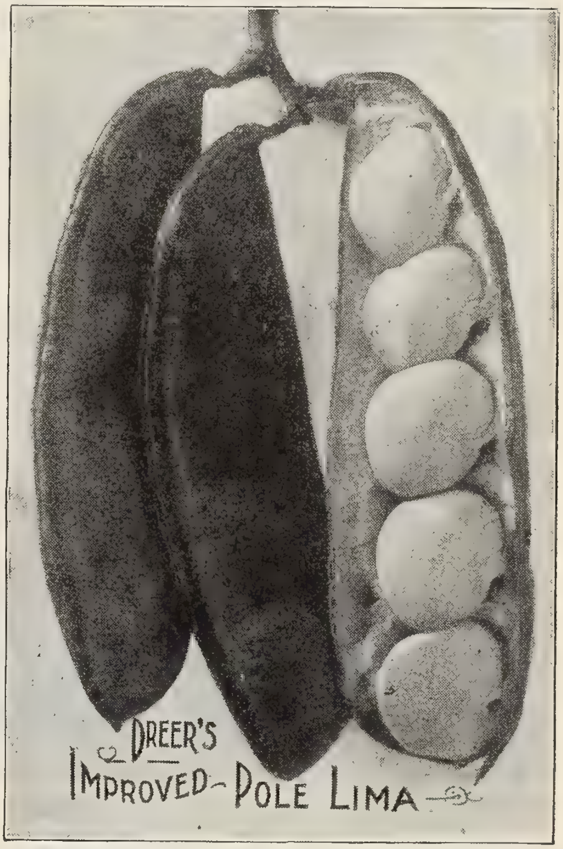
**Early Leviathan Lima.** The earliest variety of Pole Lima; produces pods in clusters. A good variety where the season is short. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2.00.

**Dreer's Improved Lima.** (See cut.) A very superior early variety of excellent quality and great productiveness. This variety is without doubt the best for private gardens, and will shell out more beans from a given number of pods than any other Pole Lima. The quality is exceedingly fine, the Beans cooking rich and mealy. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2.00.

**Early Jersey Lima.** This variety matures a few days earlier than the King of the Garden. Pods contain three and four large Beans each. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2.00.

**Siebert's Early Lima.** Early, and a great improvement on the large Lima. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2.00.

**King of the Garden Lima.** A vigorous grower, bearing large pods, varying in length from 5 to 8 inches. Pt., 20 cts. (postpaid, 28 cts.); qt., 30 cts. (postpaid, 45 cts.); 4 qts., $1.00; peck, $1.75.


DREER'S IMPROVED-POLE LIMA

KENTUCKY WONDER, OR OLD HOMESTEAD POLE BEAN

(For description of this variety see page 14.)

**Ford's Mammoth Lima.** This is a selection of large Lima Bean. The vines grow strong and are very productive; the pods are produced in clusters and continue until frost. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.15; peck, $2.00.

**Small Lima, or Sieva.** Very productive. Beans small, good quality. Pt., 20 cts. (postpaid, 28 cts.); qt., 30 cts. (postpaid, 45 cts.); 4 qts., $1.00; peck, $1.75.

## BROCCOLI.

*Spargel-Kohl*, GER. *Chou-Brocoli*, FR. *Broculi*, SP.

**White Cape.** Large, compact heads of a creamy-white color and of good flavor. Culture same as for late Cauliflower. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

## BRUSSELS SPROUTS.

*Rosen-Kohl*, GER. *Chou de Bruxelles*, SP.

**Culture.**—Sow seed for plants in frames or open ground. Set plants in early spring, and for succession up to July, making rows 3 feet apart and having the plants stand 1½ to 2 feet apart in the row. Cultivate same as Cabbages.

**One ounce will sow 200 feet of drill.**

**Dreer's Select Matchless.** A small-leaved variety of this desirable vegetable, which through careful selection has been brought to perfection. Grows freely during the summer, and is fully developed by the early frosts, at which time the stems are thickly set with sprouts. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.00.

**Long Island Half Dwarf.** An American variety, thoroughly acclimated; dwarf robust habit; will endure the climatic changes better than the foreign sorts, and much freer from mildew and aphis. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.00.

# BEETS.

*Rothe Ruebe*, GER. *Betterave*, FR. *Remolacha*, SP.

**One ounce will sow 50 feet of drill; 5 to 6 pounds for an acre.**

**Culture.**—Fibrous loam, well-drained and well-enriched, will raise good Beet crops. For early table Beets, have drills 16 to 20 inches apart, and sow the seed about 1 inch deep, as early as the ground can be put in good shape. Or seed may be sown under glass four weeks sooner, and the young seedlings transplanted to open ground, to give an extra early crop. Give thorough and clean cultivation, and thin the plants to stand 3 to 4 inches apart in the rows. For succession sow at intervals until middle of July. For the earliest sowings a light dressing of nitrate of soda, say 100 pounds per acre, will sometimes work wonders.

CRIMSON GLOBE BEET

**Detroit Dark Red.** A choice variety of early turnip Beet, largely grown by both private and market gardeners, and extremely desirable on account of its early maturity, small top and handsome appearance. The tops make an upright growth, thus allowing of planting in close rows, a valuable feature where space in the garden is limited. The Beet is somewhat globe shape, skin blood-red and flesh rich red, zoned with a darker shade. The Beets are sweet when cooked, and it is a splendid variety for canning. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

**Early Eclipse.** Perfectly smooth and round; skin and flesh intense red. This variety is extremely early; in fact, one of the first to be ready for the table. It does not grow to large size, but is desirable for its earliness and sweet, tender quality. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

**Extra Early Egyptian.** An early variety, which is suitable for forcing and growing in the open garden. The tops are small and the Beets are rounded on top, but flat at bottom end. The color of flesh is dark and light red and the Beets are tender. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

**Lentz Turnip.** A selected strain of early blood turnip Beet, largely grown by market gardeners, and also suitable for the home garden. The flesh is dark red and white and quality good. Pkt., 5 cts; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

**Dark-leaved Globe.** (See colored plate and page 8.) Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

**Early Model.** (See Specialties, page 5.) Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Dreer's Special Crosby's Egyptian.** (See Specialties, page 5.) Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Crimson Globe.** (See cut.) This Beet is remarkable for its smooth skin and fine shape. We have been growing it on our trial grounds for several years, and cannot help noting its many desirable qualities. It is a second early variety, does not grow large and coarse, the matured Beets being medium in size and of good shape. The flesh and skin are both very dark and quality fine, being sweet and tender. The tops are small and dark in color. We are confident that this Beet will please all who plant it. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Dreer's Excelsior Blood.** The attractive form and rich dark color of this Beet commend it to all. In addition to beautiful appearance, Dreer's Excelsior Beet has many other good qualities. It is fully as early as any variety of turnip-shape Beet known, and always is of uniform shape and size. The flesh is blood-red, remarkably sweet and tender, retaining all these qualities until it has attained an advanced age. We recommend this variety for the private garden, as well as for market gardeners' use. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

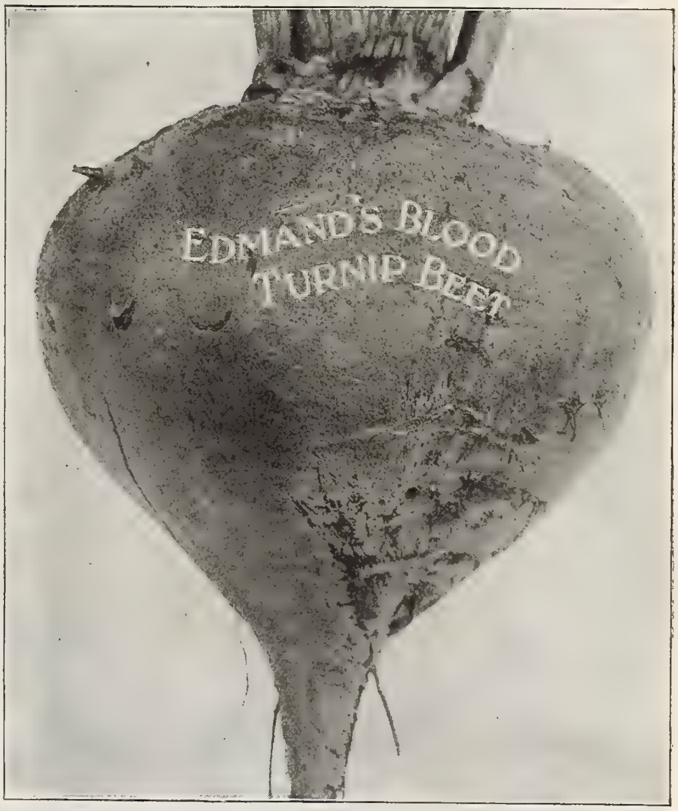
**Crosby's Egyptian.** A variety of Beet which has nearly supplanted the original Egyptian, and is more desirable because of its shape and fine quality. It is extremely early, and may be grown either out-of-doors or under glass. In either case the young Beets are fit for use at an early stage of their growth. The Beets are thicker through than the old Egyptian, which adds greatly to their appearance, and this, together with the rich vermilion color, makes it a very attractive sort. The quality is excellent, being sweet and tender. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00

**Early Blood Turnip.** A fine selection of Blood Turnip Beet, early and good for summer and autumn use. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

**Arlington Favorite Blood.** (See cut.) As a second early Beet this variety cannot be excelled, as it quickly follows the Eclipse, is much darker color and far superior in quality, being fully as sweet and tender as the light-colored Bassano. It is also a good variety to plant for late crop, as it keeps well. The shape is almost globular and skin smooth; the flesh is dark blood-red and very sweet. Market gardeners, as well as amateurs, will be satisfied with this variety, either for second early or late crop. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

Arlington
Favorite

# BEETS—(*Continued*).



**Edmand's Blood Turnip.** (See cut.) A good variety to follow the extra early sorts, and one of the best for winter use, as the roots keep remarkably well. The tops are not large and the Beets are of a desirable shape, being thick through. Skin and flesh are both dark red and the quality is good, the Beets cooking sweet and tender. Pkt., 5 cts.; oz., 10 cts.; ¼ lb , 25 cts ; lb , 85 cts.

**Dewing's Improved Blood Turnip.** An improved Early Blood Turnip. The skin is dark red and flesh carmine, striped with a lighter shade. It is sweet and keeps well. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

**Bastian's Early Blood Turnip.** Small top, bright red and good quality. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

**Early Bassano.** Flesh white and rose-colored; very sweet. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

**Bastian's Half-Long Blood.** Of bright color and excellent quality. For winter use sow early in July. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

**Long Dark Blood.** A good late variety for fall and winter use. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

## SWISS CHARD, OR SPINACH BEET.

The leaves of Swiss Chard are used as greens, cooked in same manner as spinach, and the large ribs are prepared like asparagus, in which manner they are delicious.

**Swiss Chard, Giant Lucullus.** The largest and best. For description see page 9. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.

**Swiss Chard, or Silver Beet.** Produces large, light colored leaves. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

Mammoth Long Red Mangel.

## MANGEL WURZEL.

Sow 6 lbs. to acre, in May or June, in rows 2 feet apart, and thin to 9 inches. Cultivate with horse.

**Mammoth Long Red.** (See cut.) A favorite variety with farmers and dairymen; extensively grown. ¼ lb., 15 cts.; lb., 45 cts.; 10 lbs., by express, $3.50.

**Red Globe.** A large red oval variety; keeps well and produces better crops on shallow soil than the Long Red. ¼ lb., 15 cts.; lb., 45 cts.; 10 lbs., by express, $3.50.

**Golden Tankard.** Considered indispensable, owing to its productiveness and richness in saccharine matter. Deep yellow flesh and skin. Especially relished by sheep. ¼ lb., 15 cts.; lb., 45 cts.; 10 lbs., by express, $3.50.

**Golden Yellow Mammoth.** A long Mangel, resembling in form and size the Red Mammoth; flesh, leaf stalk and midrib golden yellow; flesh rich in saccharine matter (sugar). Should be grown by all dairymen. ¼ lb., 15 cts.; lb., 45 cts.; 10 lbs., by express, $3.50.

**Yellow, or Orange Globe.** Same as Red Globe, only different in color. ¼ lb., 15 cts.; lb., 45 cts.; 10 lbs., by express, $3.50.

## SUGAR BEETS.

Sow same as Mangels, except thin to 6 to 8 inches in the row.

**Klein Wanzleben.** This variety is without question the best in cultivation; not the largest in size, but the richest in saccharine matter. ¼ lb., 15 cts.; lb., 45 cts.; 10 lbs., by express, $3.50.

**White Sugar Green-Top.** A large growing variety, excellent for stock feeding and sugar making. ¼ lb., 15 cts.; lb., 45 cts.; 10 lbs., by express, $3.50.

**Imperial White Sugar.** An improvement on the other varieties of Sugar Beets; hardy and very sugary. ¼ lb., 15 cts.; lb., 45 cts.; 10 lbs., by express, $3.50.

**Lane's Improved White Sugar.** This Beet attains a large size and grows considerably above the ground. ¼ lb., 15 cts.; lb., 45 cts.; 10 lbs., by express, $3.50.

# CABBAGE.

*Kohl*, GER. *Chou*, FR. *Berza*, SP.

**Sow one ounce for 3000 to 4000 plants; 4 ounces for one acre.**

**CULTURE.**—For plants of the earliest sorts sow seed in January or February under glass, and prick out in flats or frames about 2 inches apart each way. Transplant to open ground as soon in spring as the land can be properly prepared. A rich, warm, fibrous loam is best. Have the plants in the rows 20 to 24 inches apart, and rows at least 2 feet apart. Give thorough cultivation, and irrigate in dry weather if practicable. Protect against the ravages of cutworm maggot and green worm. A little nitrate of soda applied around the plant is of great benefit. Potash applications, such as wood ashes or muriate, may also do much good. For late Cabbage plants, sow seed in drills in open ground during April and May, and transplant in June and July, giving the plants more room than allowed for earliest Cabbages. Dusting with tobacco dust, insect powder, etc., or splashing with hot soapsuds, especially Whale-Oil Soap solution, are good and safe remedies for some of the insect pests attacking plants of the Cabbage.

CHARLESTON OR LARGE WAKEFIELD CABBAGE

## EARLY VARIETIES.

**Small Extra Early Jersey Wakefield.** (See page 5.) Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.25.

**First Crop.** (See page 6.) Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.25.

**Early Jersey Wakefield.** A leading early variety, and one of the best for private or market gardener's use; conical shape and good quality. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00.

**The Charleston, or Large Wakefield.** (See cut.) Large, solid heads, of good quality, a few days later than Early Jersey Wakefield. Especially recommended for institutions and market gardeners. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.25.

**Eureka, or First Early.** A flat-headed Cabbage, fully as early in maturing as the well-known Early Jersey Wakefield. The heads are very solid and leaves tender, being entirely free from coarseness. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00,

**Volga.** This variety is early in maturing, being ready for use only a few days later than Wakefield, and makes large, round heads, which are very solid. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00.

**Early Spring.** This variety is nearly as early as the Jersey Wakefield, but the heads are of the round, flat type of Early Summer. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00.

**Early Winnigstadt.** Conical shape; quality very good. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Etampes.** Very early; pointed head. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Express.** Extremely early; small heads. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Large York.** A good early sort. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

## Second Early Varieties.

**Dreer's Early Drumhead.** A large, round, solid-heading variety. The best for following Charleston Wakefield. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., $1.00.

**Early Summer.** (See cut.) Matures about ten days after the Jersey Wakefield. Makes a large, solid, flattish head, with short outer leaves. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., $1.00.

**Succession.** A good second early round-headed sort. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., $1.00.

**All Head, Early.** The largest heading of the second early sort; remarkably solid. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., $1.00.

**Selected All-Seasons** (*Vandergaw*). An early Drumhead Cabbage, yielding large heads. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., $1.00.

**Improved Flat Brunswick.** This variety can be grown either as a second early or late sort; short stems, large, solid heads. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

EARLY SUMMER CABBAGE

# CABBAGE. Late Varieties.

**Danish Roundhead.** (See Specialties, page 6.) Earlier than Ball Head and shorter stalk. Pkt., 10 cts.; oz., 50 cts.; ¼ lb., $1.50.

**Danish Ball Head** (*Hollander*). This extra hard-heading variety of Cabbage originated in Denmark. It is a medium or late variety. but is mostly used as a winter Cabbage. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

**Large Late Drumhead.** A favorite winter variety. Heads are solid and of good texture, and have very few loose leaves, allowing of planting closely in the field. Pkt, 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Surehead.** This is a good strain of late Flat Dutch, having great reliability for heading. The heads grow large, and are of good texture It is also a good keeping variety. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., $1.00.

**Lupton.** A fine winter variety, of excellent quality and distinct character; a little earlier than the Flat Dutch, heads nearly same shape, and they maintain their shape and solidity during the period of storage. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., $1.00.

**Autumn King, or World Beater.** Heads of largest size and very solid. The heads are flat and leaves set close. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., $1.00.

**Louisville Drumhead.** Large size, solid, and a good keeper. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Dreer's Selected Late Flat Dutch.** (See cut.) This is the finest strain of Late Flat Dutch Cabbage on the market. The heads are flat, and grow remarkably large, even, very solid, and are of fine texture; stems grow short and the quality of the Cabbage is very fine. It is a sure heading sort, as nearly every plant can be depended upon to produce a fine, large head. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

Perfection Drumhead Savoy Cabbage

Dreer's Selected Flat Dutch Cabbage

**Golden Sugar Winter.** This excellent variety is entirely distinct in character and color, makes a very hard head and has a short stem. It is medium late and perfectly solid at maturity, and does not crack. Color of foliage dark green, looking very much like an early sort. Pkt., 10 cts.; oz., 40 ct.; ¼ lb., $1.25.

## SAVOY CABBAGE.

**Dreer's Crystal Summer Savoy.** A fine variety; medium size; heads nearly round, neatly curved and very tender. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

**Perfection Drumhead Savoy.** (See cut.) Of superior quality; the largest solid-heading Savoy, and possesses the rich flavor of the cauliflower. The plants are strong and vigorous, and withstand the ravages of the Cabbage worm better than other sorts. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., $1.00.

## RED CABBAGE.

**Red Delicacy.** Medium size and late; most delicious of all red varieties. Pkt., 10 cts.; oz., 50 cts.; ¼ lb., $1 50.

**Early Red Dutch Erfurt.** Earlier than the Red Drumhead, but equally as valuable for pickling. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Red Dutch Drumhead.** A large-heading variety, fine for pickling. Pkt., 5 cts.; oz., 25 cts ; ¼ lb., 75 cts.

**Mammoth Rock Red.** The largest and most solid of the Red varieties; a sure-heading sort and tender. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., $1.00.

## CABBAGE PLANTS.

(See page 46.)

*Blumenkohl*, GER.

# CAULIFLOWER.

*Chow Fleur*, FR. *Coliflor*, SP.

**One ounce of seed will produce about 3000 plants.**

**Culture.**—For earliest Cauliflower, raise plants by sowing in hotbed or greenhouse during January or February, and transplant to flats or cold frames, 2 or 3 inches apart each way. Set in open ground as soon in spring as the land can be put in good order. Soil to be a warm, very rich, fibrous loam, well supplied with humus and moisture. Copious water applications during dry weather, especially when the plants are heading, and light dressings of nitrate of soda and potash are of much help Set plants 2 to 2½ feet apart each way. When heads have formed and are hard, they should be blanched by drawing the leaves together and tying with raphia, or strips of soft cloth. For late Cauliflower, to mature during the pickling season (August 15th to October 10th), start plants in open ground like late cabbages, and handle them like that crop.

DREER'S EARLIEST
SNOWSTORM
CAULIFLOWER

**DREER'S Earliest Snowstorm.** (See cut.) We have given this variety much care and attention, and the uniformly good results achieved by growers using our "**Snowstorm**" convince us that we have the very best and earliest strain of Cauliflower on the market, both for forcing and for growing in the open ground. It has been used by our customers in different sections, and the report is alike from each: "*The best we ever grew.*" It is a dwarf variety, with short outer leaves, and can be planted close, 2 feet apart each way. It always makes a fine, large and exceedingly beautiful, snowy-white head, much earlier than any other variety. Pkt., 25 cts.; ¼ oz., $1.75.

**Dry-weather Cauliflower.** This variety of Cauliflower is especially adapted for sections subjected to long, dry seasons, as it will grow well and produce the finest heads in spite of the lack of moisture which is required by other sorts. The heads grow to a large size, are very solid, pure white and of delicious flavor. Pkt., 20 cts.; ¼ oz., $1.00.

**DREER'S Selected Dwarf Erfurt.** One of the earliest in cultivation; small-leaved dwarf, for forcing or open ground, producing very solid pure white heads of the finest quality. It grows about 15 inches high, and is a sure header. Pkt., 20 cts.; ¼ oz., $1.00.

**Early Snowball.** An extremely early dwarf variety, producing magnificent white heads of fine quality. Well adapted to hotbed culture. Pkt., 20 cts.; ¼ oz., $1.00.

## CAULIFLOWER.

(Continued.)

**Early Dwarf Erfurt.** An early market variety, very productive, with large white, compact heads of good quality. Pkt., 10 cts.; ¼ oz., 75 cts.

**Half-early Paris Cauliflower.** A popular white sure-heading variety; good for early or late use. Pkt., 10 cts.

**Lenormand's Short Stem.** A large, late, short-stemmed variety, with well-formed heads, of extra quality. Pkt., 10 cts.

**Algiers.** An extra fine late variety, suitable for market and sure to head. Pkt., 10 cts.

**Veitch's Autumn Giant.** One of the finest late varieties, of robust habit; heads large, compact, and thoroughly protected by the leaves. Pkt., 10 cts.

**Cauliflower and Cabbage Plants.** (See page 46.)

## CARDOON.

**Culture.**—Sow seed in open ground in early spring, either for plants to be transplanted, or directly where the crop is to mature. Have rows 3 to 4 feet apart, and plants standing 1 to 2 feet apart in the rows. Cardoon is sometimes grown in trenches in same manner as celery used to be grown. To make the stalks edible, they must be bleached much like celery. The mature leaves are tied together, wrapped in straw, and banked up with earth. The stalks will blanch fit for use in 3 to 4 weeks.

**Large Smooth Solid.** Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

## CHERVIL.

**Culture.** Seed of tuberous-rooted Chervil may be sown in the fall, or, after being stratified or kept in sand, in early spring. Any good garden soil will do. Make the rows 16 to 20 inches apart and thin the plants to 2 or 3 inches. The roots will be ready for use in 3 or 4 months after germination.

**Curled Chervil.** Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.

## CHICORY.

**Culture.**—Sow seed in early spring as for carrots, in rows 12 to 16 inches apart, and thin the plants to 2 or 3 inches. To blanch the leaves for salad in winter, dig the roots in the fall, cut the leaves off a little above the root crown, and place them horizontally in layers, alternating with layers of sand or loam, in a dark cellar, the tops all pointing outward of the sloping heap or heaps. To raise witloof, plant the roots, with leaves removed, in the cellar or greenhouse in the fall, and cover 8 to 12 inches deep with loose litter or coarse manure. **One ounce to 100 feet of drill.**

**Common, or Wild.** Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

**Large Rooted.** Used to mix with or as a substitute for coffee. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Witloof Chicory.** Pkt., 5 cts.; oz., 15 cts.; ¼ lb. 40 cts.; lb., $1.25.

# *Mohre,* GER. CARROT. *Carotte,* FR. *Zonahoria.* SP.

**One ounce will sow 100 feet of drill; 3 to 4 pounds for an acre.**

**CULTURE.**—Carrots do best in warm, deep, rather light and fairly fertile soil that is well supplied with humus, or on strong loam having been in clover and broken the year before. For earliest crop sow seed of the early, short-rooted sorts in April or May, in drills a foot apart and thin to 2 inches. For main crop, sow in May or June, or for succession even in July, using the longer-rooted varieties. The rows for these may be 16 to 20 inches apart, and the plants thinned to 2, 3 or even 4 inches. To raise Carrots for stock, the rows may be made wide enough apart, say 2 to 2½ feet, to allow of cultivation by horse power. In sowing Carrot or other small seeds, especially during dry weather, pains should be taken to firm the soil well over the seed, either by means of the feet, or with the roller of the garden drill. Varieties marked * are good for stock feeding.

**Sutton's Red Intermediate.** (See Specialties, page 6.) Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Dreer's Perfect Forcing Carrot.** (See cut.) A fine half-long variety, beautiful bright scarlet, transparent, crisp and almost without a core. Remarkably small top and can be planted very close in frame. It also does well grown in the open ground. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

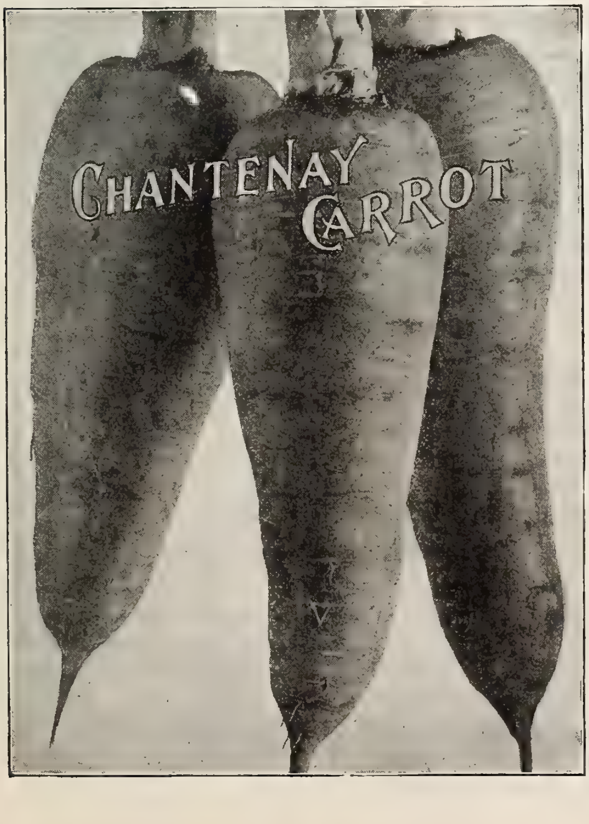
**Earliest Short Horn** (*French Forcing*). This variety is small, reddish-orange, of globular shape and excellent flavor. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

**Early Scarlet Horn.** A favorite early red summer variety. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 90 cts.

**Early Half-Long Scarlet.** A desirable point-root sort, productive and early, coming in between Scarlet Horn and Long Orange. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 90 cts.

***Danvers' Half-Long Orange.** A rich orange-red variety, very smooth and handsome, producing very large crops. An excellent market variety. Tops are of medium size and coarsely divided. The roots taper to a blunt point; flesh sweet, crisp and tender. Although the roots of this variety grow shorter, it produces more bulk to the acre than the larger field varieties. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

**Improved Rubicon.** Grows about the same length as the well-known Danvers, but thicker, and is a rich dark orange in color. A remarkably heavy cropper, and the quality is excellent. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.



DREER'S PERFECT FORCING CARROT

**Chantenay Half-Long.** (See cut.) Resembling the Nantes, with larger shoulder. Medium early and heavy cropper. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

**Early Half-Long Carentan.** An excellent scarlet variety, without core, for forcing or the open ground. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 90 cts.

**Half-Long Nantes.** An excellent early half-long, stump-rooted variety, of superior quality. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

**St. Valery.** A desirable sort for private gardens; orange color. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 90 cts.

**Guerande, or Oxheart.** A good variety on soils too hard and stiff for the longer-growing sorts. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 90 cts.

***Nichol's Improved Long Orange.** This is a very fine selection of the Long Orange Carrot, and the best variety for stock feeding. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.

***Long Orange.** Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 75 cts.

***Altringham.** Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts; lb., 75 cts.

***Large White Belgian.** Used for feeding cattle; grows large and is very productive. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 75 cts.

***Improved Short White.** Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 75 cts.

*Sellerie,* GER. **CELERY.** *Celeri,* FR. *Apio,* SP.

**One ounce will produce from 5,000 to 10,000 plants.**

**Culture.**—For early or summer Celery sow seed of the self-blanching sorts in flats under glass during February, and prick out, singly or in sections of row, into other flats, frames, or in nursery row in the open, selecting soil in the highest state of cultivation. In May to June, set the plants in very rich and well prepared land, 6 inches apart in the rows, and rows 3 to 4 feet apart. Give thorough and clean cultivation, and blanch by means of boards set up against the rows. For later and winter Celery, start seed of standard sorts either in flats as for early, only a little later, or directly into open ground. Make the rows for plants 1 foot apart; sow seed shallow and firm well. The rows in which the plants are to be set are 4 or 5 feet apart. Blanch by earthing up gradually clear to within a few inches of tip of leaves. For winter storage, take up the plants with roots, and place upright on wet soil in a dark cellar or root-house, packing closely.

PERFECTED WHITE PLUME CELERY

**Dreer's Monarch Celery.** (See Specialties, page 6.) Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

**Perfected White Plume.** (See cut.) We offer a choice strain of this valuable and popular variety. It is unsurpassed for fall and early winter use, requiring very little earthing up to blanch it. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

**Golden Self-blanching** (American-grown seed.) An early sort, requiring but little labor to blanch. Heart rich golden-yellow, with light yellowish-green outer leaves. Pkt., 10 cts.; oz., 50 cts.; ¼ lb., $1.50.

**Silver Self-blanching.** Similar in growth to Golden Self-blanching, but foliage is like White Plume. Needs no banking other than boards on each side of plants. Heart is full and solid, and both it and stalks are pure white. Pkt., 10 cts.; oz., 50 cts.; ¼ lb., $1.50.

**Golden Half-Dwarf.** The best of the half-dwarf varieties; stalks large and full; the heart is golden-yellow, turning to a light color when blanched. Very solid, rich flavor and a good keeper. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Perfection Heartwell.** A most excellent variety. Stalks long and thick, very compact, crisp and of fine flavor. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Boston Market.** Very mild flavor, extremely tender and crisp. Forms a cluster of heads instead of a single large one, and should be blanched by earthing up. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Winter Queen.** Grows a very thick, solid and heavy stalk and has a large heart. Pkt., 10 cts.; oz., 30 cts; ¼ lb., $1.00.

**Fin de Siecle.** Grows very large, stalks solid and crisp. This variety will keep well over winter. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Schumacher.** The stalks are perfectly solid and crisp. It has a firm and beautiful golden heart, and the flavor is first-class. This variety is grown largely by market gardeners. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Giant Pascal.** A superior keeping sort. The stalks are very large, thick, solid, crisp and of rich nutty flavor; it blanches very easily and quickly, and retains its freshness a long time. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Golden Rose, Self-blanching.** Similar to Golden Self-blanching, except in color; rosy tinge, shading to pale pink. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

## VARIETIES OF CELERY.

| | PKT. | OZ. | ¼ LB. |
|---|---|---|---|
| **Far Superior Many Heart** | 10 | 30 | $1 00 |
| **Evans' Triumph** | 5 | 25 | 75 |
| **Large White Solid** | 5 | 25 | 75 |
| **Dwarf Rose** | 5 | 30 | 1 00 |
| **Pink Plume** | 5 | 30 | 1 00 |

**Soup, or Flavoring Celery.** Oz., 5 cts.; lb., 30 cts.

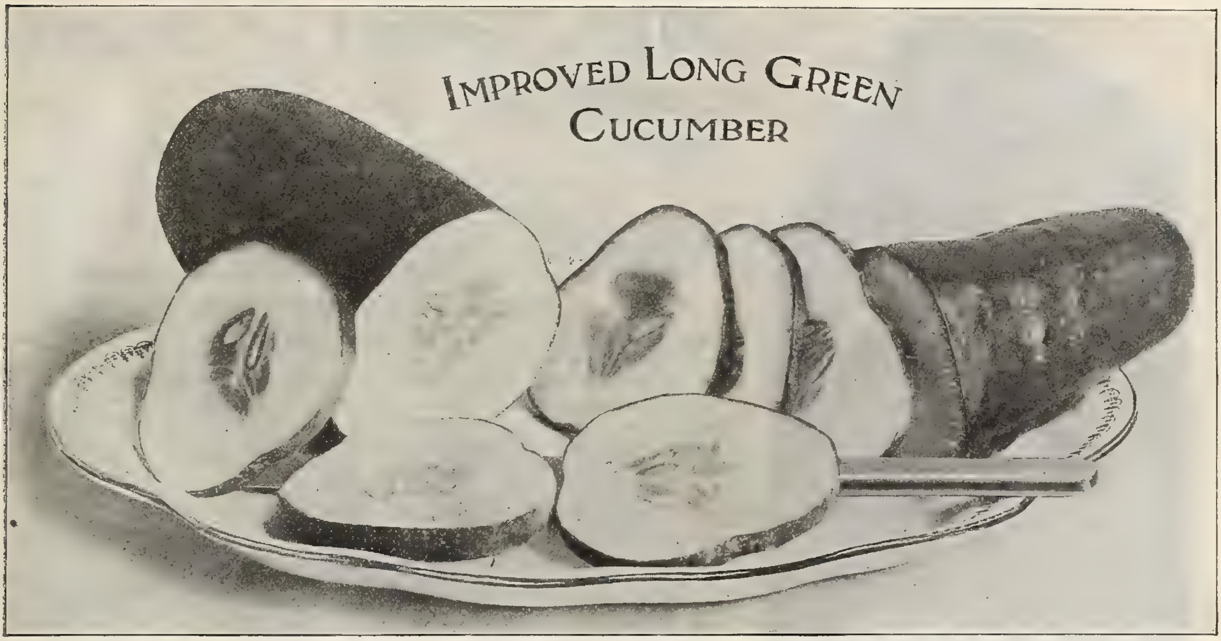
## CELERIAC (Turnip-rooted Celery).

*Knoller Sellerie,* GER. *Celerie Rave,* FR. *Apio Nabo,* SP.

**Culture.**—Grown mostly for its bulbous root. Seeds are started and plants set in same way as advised for Celery. Celeriac is not usually blanched, but very fine when thus treated, and much hardier than the stalk celeries.

**Apple-shaped.** Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Giant Smooth Prague.** A very large and smooth variety. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00.



*Gurken*, Ger.

# CUCUMBER.

*Concombre*, Fr. *Pepino*, Sp.

**One ounce will plant fifty hills; two pounds will plant one acre.**

**CULTURE.**—For very early Cucumbers, sow April 1st, in a hotbed upon pieces of sod (grass side down), so that they can be readily transplanted to the open ground, in rich soil, when danger of frost is over, or protect by hand-glasses. For early use, plant, if the weather has become settled and warm, in hills 4 to 6 feet apart each way; thin out to four of the strongest plants to each hill, after all danger from insects is over. They suceeed best in a warm, moist, rich, loamy soil. Continue planting at intervals for a succession. The Cucumbers should be gathered when large enough for use, whether required or not; if left to ripen, it destroys their productiveness. For pickles, plant from June until the middle of July. The yellow-striped cucumber or squash beetle is the most serious insect enemy of this crop. Bordeaux Arsenate of Lead Mixture is by far the best remedy yet discovered. Dilute it with water, 3 ounces to the gallon, and spray it on the vines when in danger of the beetle or blight.

**Klondike.** (See Specialties, page 6.) Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**The Davis Perfect.** (See Specialties, page 9.) Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Arlington White Spine Forcing.** A strain of White Spine which has been improved through careful selection with a view to use for forcing in hot-houses and frames. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

**Improved Early White Spine** (*Bennett's*). An excellent variety, which produces an early crop of Cucumbers. The fruits are straight, light green with white spines. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Early Cyclone.** Makes a rapid growth and is very productive. Fruits are short and produced in clusters. Color dark green and the quality is good. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Early Frame, or Short Green.** A good pickling variety. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Early Russian.** One of the earliest; grows 3 to 4 inches long. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Early Cluster.** For forcing or open ground. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Cool and Crisp.** A strain of White Spine, somewhat like the Arlington, but longer and more cylindrical. It is early, and continues in bearing the entire season. Good for table use, Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Everbearing.** This is a valuable variety, producing Pickles and Cucumbers until frost kills the vines. It is very productive; fruits of all sizes will be found on the vine at same time; size is small and well adapted for pickling. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Nichol's Medium Green.** This Cucumber is largely grown for the pickle manufacturers. It is also good to use as a Cucumber. Used for early forcing and late sowing. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Green Prolific.** One of the best pickling varieties; dark green. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Long Green** (*Jersey Pickle*). (See cut.) Fruits are long, firm and crisp. The small fruits are used for pickles, and larger ones make excellent sweet pickles. The vines make a strong growth and are very productive. Our strain of this variety is excellent and produces fruits of a uniform size and shape. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Emerald.** Exceedingly productive, fruits set early and are very handsome; dark green, long and straight, entirely free from spines. Quality fine, being very solid and crisp. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Evergreen.** Skin dark green, fruits medium size, thick through. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Chicago Pickle.** Medium size, pointed both ends, spines very prominent and color deep green; a prolific bearer. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**The "Cumberland."** A cross of Parisian Pickle and Peerless White Spine. Vines are of strong, vigorous growth. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Japanese Climbing.** Can be grown on a trellis; very prolific and good quality. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.

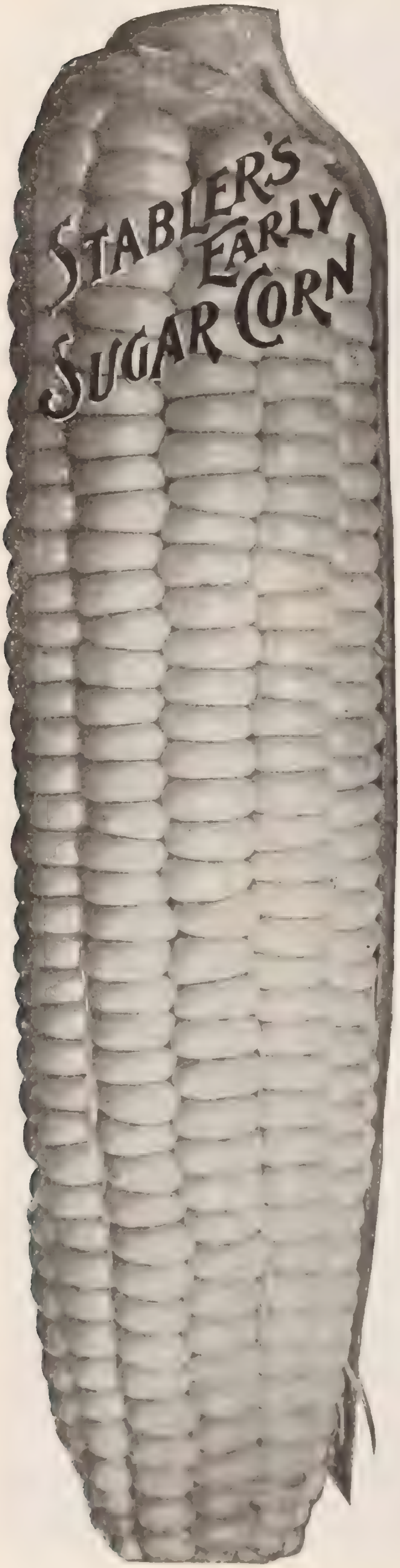
**Chinese Long Remaining Green.** Attains a length of 15 to 20 inches; good quality, solid. Pkt., 10 cts.; oz., 30 cts; ¼ lb., $1.00.

**Small Gherkin.** A small prickly variety. Used for pickles only. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

## ENGLISH FORCING CUCUMBERS.

**Covent Carden Favorite, Rochford's Market, Lockies' Perfection.** In packets of 10 seeds each. 25 cts.; per 100 seeds, $2.25.

**Duke of Edinburgh, Sion House Improved, Telegraph** (*Rollison's*). In packets of 10 seeds each, 20 cts.; per 100 seeds, $1.75.



# CORN, Sweet or Sugar.

*Welschkorn*, GER. *Mais*, FR. *Maiz*, SP.

**1 qt. will plant 200 hills; 8 to 10 qts. to an acre, in hills.**

**CULTURE.**—Seed of the sweet varieties is liable to rot if planted in wet or cold ground. Yet if we have an early warm spell in spring, it may pay us to take some risks. Often the plants, when once up, will escape injury by a belated light frost. Plant in warm soil, making the rows 3 feet apart for the dwarfer early sorts, and 4 feet apart for the taller late sorts. Hills to be 2 to 3 feet apart in the rows. For succession plant every two weeks up to July 15th.

**Packet of any variety of Sweet Corn, 10 cts., postpaid.**

## EARLY VARIETIES.

**Golden Dawn.** (See page 6.) Pt., 20 cts. (postpaid, 25 cts.); qt., 30 cts. (postpaid, 40 cts.); 4 qts., $1.00; peck, $1.50.

**Dreer's Aristocrat.** This delicious Sweet Corn was first introduced by us in 1903, previous to which it was controlled by a prominent gardener who supplies truck to the aristocrats at Newport, R. I. It is an extra early variety, ripening with the Cory; stalks grow 4 to 6 feet high, and ears are of large size, measuring 8 to 10 inches in length. Pt., 20 cts. (postpaid, 25 cts.); qt, 35 cts. (postpaid, 45 cts.); 4 qts., $1.10; peck, $1.75.

**Peep o' Day.** Originating in the far North, this variety is therefore extremely early in maturing. Besides this very important feature, it is a "*Sweet Corn*" in the true sense of the word, being remarkably sweet and tender. The stalks grow about three and one-half feet high, and are usually very prolific, producing from two to five ears each, which measure about five inches in length and are well filled. Pt., 20 cts. (postpaid, 25 cts.); qt., 30 cts. (postpaid, 40 cts.); 4 qts., $1.00; peck, $1.50.

**Golden Bantam.** The fact that the grains of this variety are yellow is an indication of hardiness and its value for early planting and early maturity. It is a rapid grower, and produces ears measuring about five inches, but the smallness of ears is fully made up by the deliciously sweet flavor and tender quality of the Corn when cooked. It is a fine variety for the home garden. Pt., 20 cts. (postpaid, 25 cts.); qt., 35 cts. (postpaid, 45 cts.); 4 qts., $1.10; peck, $1.75.

**Crosby's Early.** A favorite variety, very early, productive; rich, sugary flavor. Ears about 6 inches long and usually contain 14 rows. Pt., 15 cts. (postpaid, 20 cts.); qt., 25 cts. (postpaid, 35 cts.); 4 qts., 80 cts.; peck, $1.25.

**Early Minnesota.** An old and well-known variety of Sugar Corn. The ears are from 6 to 8 inches in length, and contain 8 rows of broad kernels, which are sweet and of fine flavor. Pt., 15 cts. (postpaid, 20 cts.); qt., 25 cts. (postpaid, 35 cts.); 4 qts., 80 cts.; peck, $1.25.

**Adams' Extra Early.** The hardiest and earliest variety for table use; it can be planted earlier than any other, but is not a Sweet Corn; white grains, short ear. Pt., 15 cts. (postpaid, 20 cts.); qt., 25 cts. (postpaid, 35 cts.); 4 qts., 80 cts.; peck, $1.25.

**Dreer's First of All.** An early Sweet Corn of superior quality. The stalks are dwarf and produce ears of medium size, very full of broad grains, which are sweet and of delicious flavor. Pt., 20 cts. (postpaid, 25 cts.); qt., 30 cts. (postpaid, 40 cts.); 4 qts., $1.00; peck, $1.50.

**White Cob Cory.** An improved variety of the Cory Corn, with uniformly *white cobs*. Early as the ordinary Cory; preferred by many who object to the red cob sorts. The stalks do not grow very tall, are very prolific, usually bearing two ears each. Pt., 15 cts. (postpaid, 20 cts.); qt., 25 cts. (postpaid, 35 cts.); 4 qts., 80 cts.; peck, $1.25.

**Stabler's Early.** (See cut.) Of larger size than usual for the early kinds, and of most delicious flavor. The grains are broad and very tender. This is a fine variety for the home garden. Pt., 15 cts. (postpaid, 20 cts.); qt., 25 cts. (postpaid, 35 cts.); 4 qts., 80 cts.; peck, $1.25.

**Metropolitan.** An extra early variety, ripens a few days later than Cory, but produces larger ears. Pt., 20 cts. (postpaid, 25 cts.); qt., 30 cts. (postpaid, 40 cts.); 4 qts., $1.00; peck, $1.50.

**Early Evergreen.** An early strain of Evergreen Sweet Corn must be of great value. This variety resembles the Stowell's Evergreen, but is ready for use much earlier, and remains in good condition equally as long. The ears grow to a good size, usually about 7 inches long, and contain from 16 to 18 rows of deep, sweet grains. Pt., 15 cts. (postpaid, 20 cts.); qt., 25 cts. (postpaid, 35 cts.); 4 qts., 80 cts.; peck, $1.25.

**Early Champion.** Ripens medium early, ears large, generally 12 rows of beautiful white, milky grains, very tender and sweet. This variety will remain in good condition for a much longer time than most other early sorts. Pt., 20 cts. (postpaid, 25 cts.); qt., 30 cts. (postpaid, 40 cts.); 4 qts., $1.00; peck, $1.50.

**Kendel's Early Giant.** While producing large ears, this variety will also mature rapidly, making Corn ready for use ahead of some of the old standard early sorts which produce smaller ears. The ears are about 7 inches in length, with pure white grains, very sweet and tender. Pt., 20 cts. (postpaid, 25 cts.); qt., 30 cts. (postpaid, 40 cts.); 4 qts., $1.00; peck, $1.50.

# CORN, Sweet or Sugar—(*Continued*).

**Packet of any variety of Sweet Corn, 10 cents, postpaid.**

## GENERAL CROP AND LATE.

**Country Gentleman.** (See cut.) Ripens about the same time as Stowell's Evergreen. Ears medium size, deep grains in irregular rows on cob, and deliciously sweet, tender and milky. Pt., 20 cts. (postpaid, 25 cts.); qt., 35 cts. (postpaid, 45 cts.); 4 qts., $1.10; peck, $1.75.

**Stowell's Evergreen, Improved.** (See cut.) Productive, very tender, sugary, and remains in good condition, suitable for cooking, for a long time. The best late variety. Pt., 15 cts. (postpaid, 20 cts.); qt., 25 cts. (postpaid, 35 cts.); 4 qts., 80 cts.; peck, $1.25.

**Little Gem** (*Ne plus ultra, or Shoe Peg*). Similar in appearance to "Country Gentleman." Ears are not large, but are very sweet and tender. Pt., 20 cts. postpaid, 25 cts.); qt., 35 cts. (postpaid, 45 cts.); 4 qts., $1.10; peck, $1.75.

**Zig-Zag Evergreen.** A very sweet Corn, ripening 8 days ahead of Stowell's Evergreen, and in quality fully its equal. Pt., 20 cts. (postpaid, 25 cts.); qt., 30 cts. (postpaid, 40 cts.); 4 qts., $1.00; peck, $1.50.

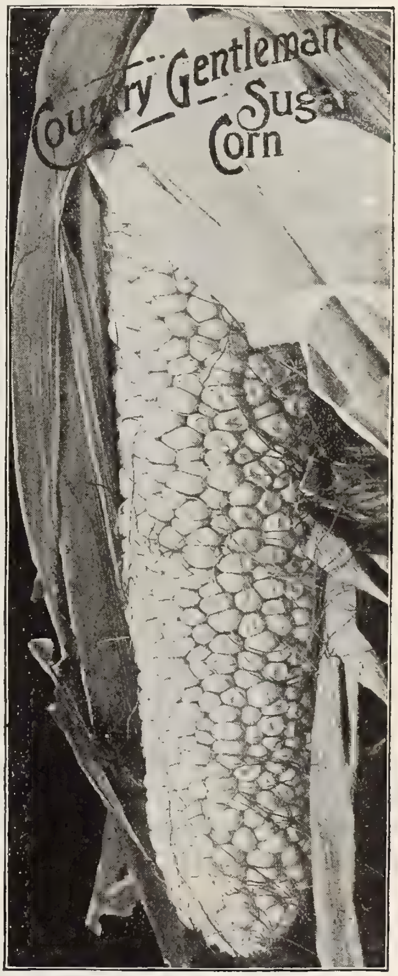
**Potter's Excelsior, or Squantum.** A second early variety, ears large and sweet. Pt., 15 cts. (postpaid, 20 cts.); qt., 25 cts. (postpaid, 35 cts.); 4 qts., 80 cts.; peck, $1.25.

**Triumph.** Ear large, productive, rich flavor and sweet. Pt., 15 cts. (postpaid, 20 cts.); qt., 25 cts. (postpaid, 35 cts.); 4 qts., 80 cts.; peck, $1.25.

**Egyptian.** A fine large variety, somewhat resembling the Evergreen. Pt., 15 cts. (postpaid, 20 cts.); qt., 25 cts. (postpaid, 35 cts.); 4 qts., 80 cts.; peck, $1.25.

**Mammoth Sugar.** The largest late sort, very productive and fine flavor. Pt., 15 cts. (postpaid, 20 cts.); qt., 25 cts. (postpaid, 35 cts.); 4 qts., 80 cts.; peck, $1.25.

**Black Mexican.** A black-grained variety, sweet and tender. Pt., 20 cts. (postpaid, 25 cts.); qt., 30 cts. (postpaid, 40 cts.); 4 qts., $1.00; peck, $1.50.



IMPROVED STOWELL'S EVERGREEN

## POP-CORN. On the Ear only.

**White Rice.** Lb., 25 cts., by mail, postpaid; 10 lbs., $1.00, by express.

**White Pearl.** Lb., 25 cts., by mail; 10 lbs., $1.00, by express.

**Queen's Golden.** Lb., 25 cts., by mail; 10 lbs., $1.00, by express.

## SWEET FODDER CORN.

Write for price.

## FIELD CORN.

The leading and best varieties. See page 51.

## COLLARDS.

*Blatterkohl*, Ger. *Chou Coba*, Fr. *Oabu*, Sp.

**Culture.**—Sow seeds the same as for late cabbage plants. The crop of greens may be grown directly in the seed rows, or the plants may be transplanted and set a foot apart in the rows. Best after being touched by frost. **One ounce will produce about 3000 plants.**

**Creole, or Southern.** Cabbage greens, used as a substitute for cabbage in the South. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

## CORN SALAD (Fetticus).

*Stecksalat*, Ger. *Mache*, Fr. *Mache ó Valerianilla*, Sp.

**Culture.**—Sow in spring in drills 1 foot apart; it will mature in six or eight weeks. For winter and early spring use, sow in drills in August and September. **Three ounces to 100 feet of drill.**

**Large Seeded.** Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

## CRESS.

*Garten and Brunnen Kress*, Ger. *Cresson*, Fr. *Berro ó Mastuerzo*, Sp.

**Culture.**—Easily grown during winter on the greenhouse bench, in frames, pots or boxes, and splendid for salad, garnishing, or as an addition to winter lettuce. Sow seed very thickly in rows 3 to 6 inches apart under glass, or for summer 1 foot apart in open ground. Sow often for succession, as it soon runs to seed. Water-Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it.

**Extra Curled, or Peppergrass.** Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

**Upland Cress.** True stock. Pkt., 10 cts.; oz., 75 cts.

**Water Cress.** Pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00.

# EGG=PLANT.

*Eierpflanze*, GER. *Aubergine*, FR. *Berengena*, SP.

**One ounce will produce 1,000 to 2,000 plants.**

**CULTURE.**—Sow the seeds in hotbeds early in March. When 3 inches high pot the young plants, using small pots, and plunge them in the same bed, so that the plants may become stocky. They can be planted out from the pots when the season becomes sufficiently warm, in May or June. Egg-plant seed requires a higher temperature for germination than any other garden vegetable, and this temperature should be maintained right along in order to maintain strong and healthy growth. The soil can hardly be made too rich. After settled warm weather has set in, set the plants in open ground, allowing 3 feet space between rows, and 2 feet space between the plants in the row. Watch for the potato beetle. This pest as well as blight may be controlled by spraying with Bordeaux Arsenate of Lead Mixture.

**Early Black Beauty.** (See cut.) This beautiful Egg-Plant is a great improvement over the well-known and largely grown New York Improved Large Purple. The plants are remarkably healthy in their growth, and produce an abundance of large fruit fully ten days earlier than the New York Improved. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 45 cts.; ¼ lb., $1.50.

**New York Improved Large Purple.** Fruits large, nearly round, dark purple, free of thorns and of excellent quality. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

**Early Long Purple.** Earliest and hardiest, very productive; fruit 6 to 10 inches long. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Black Pekin.** Fruit purplish-black, round, large, solid, smooth and glossy; very prolific and early. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., $1.00.

**EGG-PLANT PLANTS** (See page 46).

**GARLIC** (See page 33).

**HOP VINE ROOTS** (See page 46).

**HORSERADISH** (See page 46).

EARLY BLACK BEAUTY EGG-PLANT

## *Loewenzahn*, GER. DANDELION. *Pissenlit*, FR.

*Amargon*, SP.

**One ounce to 100 feet of row.**

**CULTURE.**—Plants usually come up small and feebly. Sow seed in good clean loam, in drills 1 foot apart, and thin or transplant to 10 or 12 inches apart in the rows. May be blanched by covering with leaves or other loose litter, or by placing a large inverted flower pot over each plant.

**Broad=leaved.** Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

**Improved Thick=leaved.** An improved variety. Pkt., 10 cts.; oz., 50 cts.; ¼ lb., $1.50.

DREER'S GIANT FRINGED ENDIVE

# ENDIVE.

*Endivie*, GER. *Chicoree*, FR.
*Endibia ó Escarola*, SP.

**One ounce of seed to 300 feet of row.**

Endive is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use or for late use in June or July. When 2 or 3 inches high, transplant into good ground or thin out to 1 foot apart. When nearly full grown, and before they are fit for the table, they must be bleached. This is done by gathering the leaves together and tying with yarn or bass, to exclude the light and air from the inner leaves, which must be done when quite dry, or they will rot. Another method is to cover the plants with boards or slats. In three or four weeks they will be blanched.

**Dreer's Giant Fringed.** (See cut.) A strong-growing variety with large white heart and broad stems; good for fall and winter. On account of the beautifully curled leaves it is fine for decorative purposes. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Green Curled Winter.** Standard sort for fall and winter. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.

**White Curled** (*Self-blanching*). Leaves pale green, grows to a large size, always crisp and very tender. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.

**Broad=leaved Batavian** (*Escarolle*). Leaves broad, light green, nearly plain, used in stews and soups. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.

# KALE, or BORECOLE.

*Grüner oder Blätter Kohl,* GER. *Chou Vert,* FR. *Breton,* SP.

**One ounce of seed will produce about 5,000 plants.**

**Culture.**—The Kales are more hardy than Cabbage, make excellent greens for winter and spring use, and are improved by frost. Sow from May to June, and cultivate the same as Cabbage. For early spring use sow in September, and protect during winter. Some of the varieties are so hardy that the green leaves may be dug out from under the snow in winter and used for greens.

**Dreer's Imperial Long Standing Kale.** (See Specialties, page 6.) A beautifully curled and crimped variety. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

**Dwarf Green Curled German.** Leaves yellowish-green, very compact and beautifully curled; sow in September for winter and spring use. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

**Dwarf Curled Scotch.** Leaves bright green, curled, very tender and fine flavored; an excellent sort. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

**Sea Kale.** When blanched, the leaf stalks are cooked and served like asparagus, or the leaves may be used as greens. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

# KOHL-RABI.

## (Turnip-rooted Cabbage.)

*Kohl-Rabi,* GER. *Chou Rave,* FR. *Col de Nabo ó Nabicol,* SP.

**One ounce of seed will sow a drill of about 300 feet.**

**Culture.**—The edible part is the bulb, which grows on a stalk a few inches above ground. Sow seed in drills, allowing 16 or 18 inches space between the drills, and thin to 4 or 6 inches apart in the row. First sowing may be made as soon as ground can be worked in spring and successive ones repeatedly later.

**Earliest Erfurt.** A white, tender variety, with a smooth root and very short top; the best variety for outdoor culture. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 85 cts.

**Early White or Green Vienna.** Flesh white and tender; a standard sort for market and table use. Good for forcing. This variety has a very short top and forms the ball quickly, thus making it a particularly desirable sort on account of its earliness. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 70 cts.

**Early Purple Vienna.** Bluish-purple, similar to the above, except for color. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 70 cts.

# LEEK.

*Lauch,* GER. *Poireau,* FR. *Puerro,* SP.

**Culture.**—Sow early in April in drills 1 foot apart and 1 inch deep. When plants are 6 to 8 inches high, transplant in a deep, rich soil, in rows 12 inches apart and 6 inches in the rows as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seed may also be sown in August or September; plants transplanted in the spring.

**Dreer's Prizetaker Leek.** (See Specialties, page 6.) Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 75 cts.

**Large American Flag.** Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

**Giant Carentan.** Produces a large, thick stem and of mild flavor. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 60 cts.

**Musselburg.** Grows to a very large size, with broad leaves, spreading like a fan. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 60 cts.

**London Flag.** A popular sort, hardy and of good quality. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

## ROMAINE, COS, OR CELERY LETTUCE.

These are distinct from the ordinary Lettuce, and much liked on account of their crisp, tender quality and delicate flavor.

**Kingsholm Cos.** Forms long, upright heads of narrow leaves, which are crisp and refreshing, withstanding the summer heat. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

**Paris White Cos.** Type of Kingsholm; lighter color; very tender. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

**Trianon Self-folding.** (See cut.) A self-blanching Cos Lettuce, very crisp and tender, and of excellent flavor. If the leaves are tied up the plant soon forms a solid head and bleaches to a pure white. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 60 cts.

TRIANON SELF-FOLDING COS LETTUCE.

DREER'S WONDERFUL
LETTUCE

*One ounce will produce about* 3000 *plants.*

# LETTUCE.

*Lattich, oder Garten Salad,* GER.
*Laitue,* FR. *Lechuga,* SP.

**CULTURE.**—Sow the seed in hotbeds or flats during February or early March, prick the young seedlings out in flats or cold frame several inches apart each way, and, as soon as a nice, rich, warm spot can be prepared in open ground in spring, transplant the well hardened plants in rows a foot apart, allowing 8 to 12 inches space between the plants in the row. For succession sow seed thinly in open ground, and thin the plants to 5 or more inches apart. Sow for succession every few weeks until the fall. Some varieties do well in a cool forcing house during winter.

**Dreer's "All Heart."** (See Specialties, page 9.) Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**May King.** This variety is hardy and will stand much cold, damp weather. Can be planted out of doors or under glass, and in either case will produce fine heads much sooner than any other variety. The outer leaves are yellowish-green, tinged with brown, while inside is rich golden-yellow. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Big Boston.** Resembles Boston Market, but nearly twice as large desirable for forcing and spring and fall outdoor planting. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Boston Market** (*White Seed*). Hardy and crisp; a suitable forcing variety. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

**Hittinger's Belmont Forcing.** An improvement on the Boston Market, larger in size, crisp and tender quality. Pkt., 10 cts.; oz , 25 cts.; ¼ lb., 75 cts.

**Black-seeded Tennisball.** Forms a close, hard head, with few outer leaves. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.

**Emperor Forcing.** Heads yellow, small size and early. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Golden Queen.** Very early, small yellow heads. Used for forcing. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Grand Rapids Forcing.** Matures quickly, large size, handsome appearance; crisp and tender. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.

**Early Dutch Butter, Spotted.** Fine large heads of excellent quality. One of the best forcing and market sorts. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

**Wonderful.** (See cut.) The heads grow to an enormous size, and resemble cabbage in their solidity, measuring from 12 to 15 inches across, and frequently weighing 2 and 3 pounds each. The quality is superb, being crisp, rich and tender. It withstands the heat well, making a fine variety for all seasons. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.

**Early White Cabbage** (*White Butter Lettuce*). A good variety for sowing in the fall, as it is nearly hardy, and requires but little protection. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.

**Silver Ball.** An excellent variety for early spring and summer use or for winter forcing. Heads silvery white; very firm and compact. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

**Early Curled Simpson** (*Silesia*). This does not head, but forms a close, compact mass of leaves; very early; excellent for forcing. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.

**Black Seeded Simpson.** Produces a compact mass of leaves, light color, nearly double size of ordinary Simpson. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.

**Sensation.** This variety is remarkable for its character of forming close, hard heads, even in an early stage of growth. Color yellowish-green; quality very fine, being crisp and tender. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

**Yellow Seeded Butter.** A very distinct sort, making a compact yellow head, excellent flavor, withstands heat well, and remains crisp and tender. Pkt., 5 cts.; oz., 15 cts.; ¼ ¼ lb., 45 cts.

**Iceberg.** A curly Lettuce, large, solid heads. The outer leaves are light green in color, and their habit of branching towards the centre of head is a great aid to the blanching of heart. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

# LETTUCE—Continued.

**French Unrivalled.** (See cut.) A sure-heading variety, suitable for growing at any season. Forms large, compact, buttery heads, and is slow to shoot to seed. The general character is similar to "Big Boston," except that the color is a lighter green and leaves are not tinged with brown. The seed we supply was secured from the originator in France, and is much better than the American strain of "Unrivalled" Lettuce. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Dreer's Improved Hanson.** This superior Lettuce, which we introduced thirty-eight years ago, is the best summer heat-resisting sort. Heads grow to good size, are sweet, tender and crisp. For outdoor culture it is unequalled. Pkt., 5 cts.; oz , 20 cts.; ¼ lb., 50 cts.

**Improved Deacon.** A good summer cabbage sort; very crisp, large and light in color. Largely used for growing in cold frames during winter and spring, and a good sort to grow for market. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

**Salamander.** An excellent spring, summer and fall variety, forming good-sized heads. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

**Mammoth Salamander.** Grows about double the size of Salamander. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

**Onondaga.** This variety is beautifully tinged with reddish-brown, fine quality, being crisp and tender. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

FRENCH
UNRIVALLED LETTUCE

**Giant Glacier.** Heads grow to large size, are solid, crisp and tender. Leaves are beautifully tufted and notched. It stands the heat well. Pkt., 5 cts.; oz., 20 cts., ¼ lb., 50 cts.

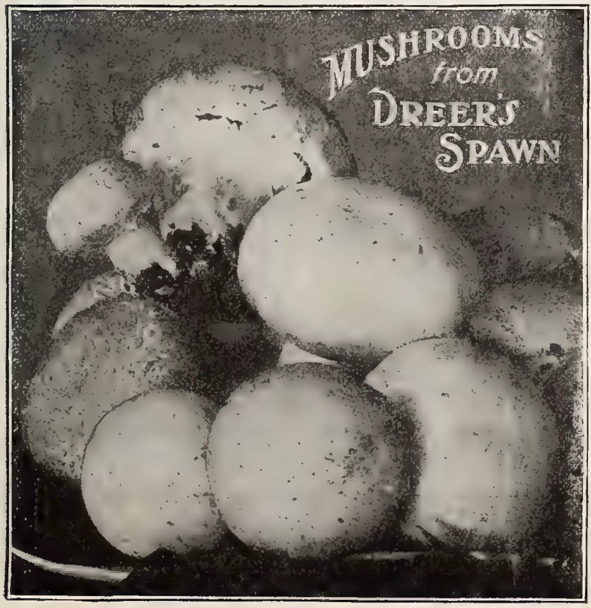
**Mignonette.** Heads small, compact, leaves slightly curled, edges tinted brown, splendid quality. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

**Oak Leaved.** Very distinct; excellent for summer use. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

**California Cream Butter.** A splendid variety for summer. It produces a very large and white head. It will stand extreme heat and is slow to go to seed. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.

**Defiance.** Excellent quality, crisp and tender, and remains in prime condition a long time before going to seed. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

# DREER'S RELIABLE MUSHROOM SPAWN.



The best results are obtained by the use of our superb Mushroom Spawn, which is largely used by the most successful growers. Full and explicit instructions for growing mushrooms are sent by us free with all orders for Spawn. Everyone who has a cellar or outside buildings not in use should, by all means, grow this most delicious esculent, considered by most people a luxury.

**English Milltrack Spawn.** For many years we have been selling a splendid make of English spawn which has given excellent results, producing large crops of fine Mushrooms. It is made with great care and is full of live *"mycelium."* It is this that produces the Mushrooms. It is made in bricks, of about 1¼ lbs., and each brick is sufficient for 8 square feet of bed. Per brick, 15 cts. (by mail, 25 cts.); by express, 12 bricks, $1.50; 25 lbs., $2.50; 50 lbs., $4.50; 100 lbs., $8.00.

**Pure Culture Spawn.** This is an American make of spawn, the method having been discovered by a scientist in 1903. It produces Mushrooms of excellent quality and large size, this being due to the fact that the spawn is obtained by a process of *"grafting,"* only large and vigorous specimens of Mushrooms being used for this purpose. Per brick, 25 cts. (by mail, 35 cts.); by express, 5 bricks, $1.00; 10 bricks, $1.70; 25 bricks, $4.00; 50 bricks, $7.00.

**French Spawn.** This spawn comes from France. It is prepared loose, in boxes. 3-lb. boxes, $1.50, by express.

**Dreer's Mushroom Circular free on Application.**

*Zucker Melone*, GER. *Melon Muscade*, FR. *Melon Almizcleon*, SP.

# MUSKMELONS.

**One ounce will plant about 50 hills; 2 to 3 lbs. in hills per acre.**

**CULTURE.**—Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, in hills 5 to 6 feet apart each way for Muskmelons, 8 to 10 feet for Watermelons. Previous to sowing the seed, mix a few shovelfuls of well-rotted manure in each hill, and plant in each 12 to 15 seeds; after all danger of the bugs is over, thin out to three or four plants per hill. A few hills for early use may be had by sowing on pieces of sod in a hotbed, and when warm enough transplant to open ground. Melon vines are subject to the same destructive insect and fungous foes as are cucumber and squash vines. Early and repeated spraying with Bordeaux Arsenate of Lead Mixture is always advisable for these crops.

IMPROVED ROCKY FORD MUSKMELON

**Netted Rock.** (See Specialties, page 9.) Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.50.

**Admiral Togo.** (See Specialties, page 7.) Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

**Burrell's Gem.** (See Specialties, page 7.) Pkt., 10 cts.; oz., 20 cts; ¼ lb., 45 cts.; lb., $1.50.

**Hoodoo.** (See Specialties, page 7.) Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.25.

**Rocky Ford, Improved.** (See cut.) This delicious Melon is of the Netted Gem type, oval in shape and beautifully netted. It has been improved at Rocky Ford, Colorado, a section noted for its fine Muskmelons. The Melons average about five inches in length, and are of most delicious flavor; flesh is smooth-grained and light green color. It is a very popular variety, and the Melons are found on the tables of all leading hotels and restaurants during their season. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Jenny Lind.** The earliest variety; netted, of small, round size; excellent flavor. The vines do not grow as large as some of the other varieties, but are quite productive, and it is a favorite early variety. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Golden Jenny.** A small, highly-prized early variety; good shipper. This is a great improvement over the Jenny Lind. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Netted Gem.** One of the earliest small Melons. Globular shape, uniform in size; flesh light green, tinged with yellow and of very fine flavor. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Norfolk Button, or Shipper's Delight.** A variety of the Jenny Lind which sometimes has small button at blossom end; good flavor. This is an excellent variety to grow for market, as it stands shipping to a long distance. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Jersey Belle.** Somewhat like Jenny Lind, not so early, but larger. The Melons are flat, heavily ribbed, coarsely netted; green flesh, and quality is very desirable. This variety is the largest of the first early Melons. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Hackensack.** Melons grow to large size and attractive appearance. Flesh green, very sweet and sugary. Outer skin is heavily netted. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Extra Early Hackensack.** A careful selection from Hackensack. Fruit much like it in shape and quality, but ready for market earlier. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.50.

**Cassabah.** A large, oblong Melon; green flesh, prolific and of delicious quality. This is the largest Muskmelon grown. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.25.

**Bay View.** Oblong shape, good flavor. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Montreal Market.** Largest of the nutmeg varieties; flesh green. This is the variety which is largely grown in Canada and sold for high prices. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 45 cts.; lb., $1.50.

**Emerald Gem.** A small, very early Melon, form globular; flesh salmon-colored. The flavor is exceptionally fine; solid and thick; exterior dark green. This variety may also be grown in the greenhouse for forcing. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.25.

**Surprise.** A highly flavored salmon-fleshed Melon; oval-shaped, deeply ribbed and netted skin. The Melons grow to medium size, and vines are very productive. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

**Tip Top.** A medium-sized Muskmelon, nearly round in shape, with shallow netting on skin. The flesh is deep yellow and has a rich flavor. It is a productive variety, suitable for growing in all sections. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.25.

**Defender.** Medium size, salmon flesh and delicious flavor; oval shape, slightly ribbed and covered with a slight netting. Flesh is firm, fine-grained, rich, deep yellow, making it a beautiful Melon for the table. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

**Miller's Cream, or Osage.** The fruits are large and round, with light green, netted skin, and thick, sweet, salmon-colored flesh. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

**Paul Rose.** A cross of Osage with Netted Gem; combines the sweetness of former with fine gray netting of the Gem; flesh thick, firm and beautiful; deep salmon or orange color. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

**Kinsman Queen.** Large size, skin pale green, flesh salmon color, 2 inches thick and of delicious flavor. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts; lb., $1.75.

**Mango, or Vegetable Orange.** Grows to the size of an orange and used for preserving. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

## IMPORTED VARIETIES FOR FORCING.

**Blenheim Orange.** A favorite variety, scarlet flesh, good flavor. Pkt., 25 cts.

**Windsor Castle.** Green flesh, oval shape, finely netted, delicious flavor. Pkt., 25 cts.

# *Wasser Melone,* GER. WATERMELONS. *Melon d'eau,* FR. *Zandia,* SP.

**One ounce for thirty hills; four to five pounds for an acre.**

**CULTURE.**—See directions given under Muskmelon. Watermelons, however, are slightly less subject to "bug" depredations and disease attacks than Muskmelons. At the same time they are more easily hurt by strong spray mixtures, and caution in the use of such mixtures is advisable.

BLUE GEM OR ICEBERG
SEMINOLE

**Watson.** (See colored plate and page 8.) Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

**Harris' Earliest.** (See Specialties, page 7.) Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Yellow Ice Cream.** (See Specialties, page 7.) Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.50.

**Cole's Early.** The earliest variety. Large heart, flesh of fine texture and good flavor. Rind thin. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

**Mountain Sweet.** Early, large, oblong, skin dark green, flesh red, very solid and sweet; a good Melon for northern gardens. Pkt., 5 cts; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

**Ice Cream.** Skin mottled gray, flesh pink. Very solid and sweet. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

**Dark Icing.** Very solid, rind thin, and highly prized as a shipper. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

**Blue Gem, or Iceberg.** (See cut.) Similar in shape to the well-known Kolb's Gem. Flesh pink, darker than Kolb's Gem. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

**Alabama Sweet.** A large and attractive Melon, oblong in shape, early in maturing, and very sweet. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

**Kolb Gem.** Of a delicious, sugary flavor, bright red flesh. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

**Florida Favorite.** Of medium size, striped alternately light and dark green, flesh deep red, crisp and sweet. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

**Striped Gypsy, or Rattlesnake.** Oblong shape, skin mottled and striped; medium early; flesh crimson and fine flavor. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

**Dixie.** A cross between the Kolb Gem and old-fashioned Mountain Sweet, surpassing the former in earliness, productiveness and shipping qualities, and fully equalling the latter in quality. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

**Monte Cristo, or Kleckley Sweets.** Where sweetness combined with large size is desired this variety will surely please, as it not only produces Melons above the medium size, but has that crisp, sugary flavor so much desired in a Watermelon. It is the sweetest of all. Oval shape, skin dark green and somewhat mottled. The rind is thin, but sufficiently tough to stand carrying to nearby markets. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

**Sugar Stick.** Oblong in shape and fair size. The skin is mottled green and white, flesh bright red, heart large and very sweet. The vines are strong and very productive. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

**Halbert Honey.** A large and attractive Melon, oblong shape; rind dark green, flesh crimson; very sweet and tender. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

**Wonderful** (*The McIver Sugar Melon*). A very sweet, solid-fleshed sort; often grows to the length of two feet. Rind is marked with broad bands of yellowish-green. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

**Sweet-Heart.** Vine vigorous and productive, flesh bright red, solid and very tender, melting and sweet. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

**Cuban Queen.** One of the largest varieties, flesh bright red. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

**Black Spanish.** Solid, thin rind; flesh scarlet. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

**Seminole.** (See cut.) An early Watermelon, of large size and delicious flavor. Flesh a vivid crimson color; crisp and sugary. Melons are of two colors, gray and light green skin. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

**Snowbound.** A good variety for the home garden, and as it has a strong, tough rind; it will also make a good shipping Melon. The vines make a vigorous and healthy growth, even in a poor season, and produce a large crop of fine Melons, the quality of which will satisfy the most exacting. The skin is gray in color and flesh light pink, very tender and sweet. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Jordan's Gray Monarch, or Long Light Icing.** A variety of Icing Watermelon, producing large, oblong Melons. Color of skin very light green. Quality good. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

**Mammoth Ironclad.** An oblong Melon, which grows to a large size, solid and of most delicious flavor. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts; lb., 85 cts.

**Colorado Preserving Citron.** Excellent for making preserves. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

## MARTYNIA. *Gemschorn,* GER.

**Culture.**—The seedpods are used for pickling, when gathered young and tender. Sow in the open ground in May, in hills 3 feet apart each way, or in a hotbed, and afterwards transplant. If once planted in the garden, volunteer plants are likely to spring up the following year from scattered seeds.

**Martynia Proboscidea.** Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 85 cts.; lb., $3.00.

## *Senf,* GER. MUSTARD. *Moutarde,* FR. *Mostazo,* SP.

**One ounce will sow 100 feet of drill.**

**Culture.**—A small, pungent salad used with cress; the seed is also used for flavoring pickles, pepper sauce, etc. For salads sow thickly in shallow drills, 6 inches apart, or in frames or boxes during the winter, where frost can be partially excluded. Successive sowings may be made every week or two. To grow seed, sow in April, in rows 1 foot apart, and thin out to 3 inches apart when 2 inches high.

**White London.** Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 40 cts.

**Chinese.** Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

# DREER'S CHOICE ONION SEED.

*Zwiebel*, GER. *Ognon*, FR. *Cebolla*, SP.

**One ounce of Onion seed for 200 feet of drill, 4 to 5 pounds for one acre.**

**CULTURE.**—For early green or bunching Onions sow seed of Silver Skin or other hardy white varieties in early August in well-prepared and well-drained, rich, loamy soil, giving one foot space between the rows, and using 20 pounds of seed per acre. In many localities they winter well without mulch or other protection. For dry (fall) bulbs, select a clean, rich, well-drained and well-manured piece of land, prepare a perfect seed-bed, and sow seed in early spring in drills 15 inches or so apart, using 4 to 5 pounds of fresh seed per acre. Use wheel-hoe and weeders freely, and thin plants to stand at least 2 inches apart in the rows. Pull when tops begin to die down, cure and sell, or store in a cool, dry place. For sets, select clean, sandy soil of medium fertility, prepare it well in early spring, and at once sow seed in drills a foot apart, using 40 to 60 pounds of seed per acre. Gather the sets when ripe, cure and store in a dry, airy place. They may be wintered in a slightly frozen condition, but must be protected from repeated freezing and thawing. In early spring following plant them in shallow drills, 12 inches apart, and about 2 inches apart in the drill.

By sowing seed of the Spanish type, such as the Prizetaker and Southport Globes, under glass in January, February, or even March, and transplanting in April to open ground 3 to 4 inches apart in the rows, bulbs of immense size may be produced.

YELLOW GLOBE DANVERS
ONION

**Ailsa Craig.** (See Specialties, page 7.) Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25; lb., $4.00.

**Yellow Globe Danvers.** (See cut.) A standard sort and one of the most desirable; an excellent keeper and very productive. Our strain of this variety is the true globe shape, and not of the flat type. Onion growers throughout the country prefer this type of Onion to all others, and it is with this in view that the bulbs from which our seed is grown are specially and carefully selected as to shape. It is the best paying Onion that is grown for general crop, and has been the leading variety for years. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

**Southport Yellow Globe.** A very large, handsome, globular-shaped yellow variety, very productive, of mild flavor. The outer skin is a beautiful pale yellow; the bulbs are of a beautiful globe shape and good keepers. Our strain of this valuable variety is very fine, and produces Onions of a uniform size and shape. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

**Philadelphia Yellow Dutch, or Strasburg.** A good keeper and well flavored; bright straw-colored skin and somewhat flattened shape. The Onions grow to a good size and are very mild. This variety is largely grown for sets on account of its excellent keeping qualities. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

**Australian Yellow Globe.** (See cut.) This early variety of Onion originally came from Australia. The Onions are globe-shaped, grow to large size and are very solid; skin is yellow, flesh white and of very mild flavor. Besides being an extra early Onion, it is very productive and a good keeper. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

**Prizetaker.** This is the large pale yellow Onion that is offered for sale in the fruit stores and markets in the fall. Flesh white, of mild and delicate flavor. The large Onions are raised first year from seed, and produce enormous crops. The Onions sometimes go over 3 lbs. each in weight where good soil and culture are given them. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., $2.25.

**Rhode Island Yellow Cracker.** An extra early variety, excellent to raise where the seasons are short. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

**Australian Brown.** The bulbs grow to a good marketable size, and are very hard and solid. They ripen earlier than either Yellow Danvers or Red Wethersfield, are beautiful brown color and mild flavor. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

**White Winter Bunching Onion.** Sow seed latter part of spring, keep cultivated during summer; in fall cover with litter. When snow is off the ground rake off litter and dead tops, scratch ground gently and the Onions will soon begin to show themselves. Will be ready for pulling about the time ordinary sets are being planted. They do not make much bottom, as they are distinctly a bunch Onion. Very mild and delicate-flavored Pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00.

AUSTRALIAN
YELLOW GLOBE
ONION

# DREER'S CHOICE ONION SEED.—Continued.

**White Portugal, or Silver Skin.** (See cut.) This variety is one of the leading white sorts. The bulbs are flat in shape and mature early. Largely used for growing sets on account of its fine shape and good keeping qualities. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 80 cts.; lb., $2.75.

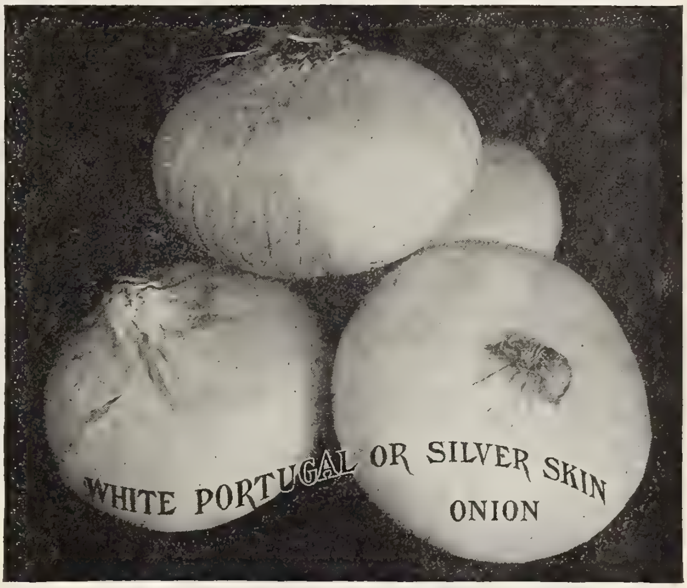
**Southport White Globe.** Pure white color, mild flavor. A good keeper and very productive. It is best to dry these Onions in a shady place, where they will get plenty of air. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 90 cts.; lb., $3.25.

**Mammoth Silver King.** A large, flat variety. Specimens have been grown to weigh as high as 4 lbs. Skin pure white and flesh tender. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

**White Pearl.** One of the earliest varieties, pure white, mild flavor and attractive appearance. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

**White Queen.** A rapid-growing variety of mild flavor; pure white, and splendid for pickling. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

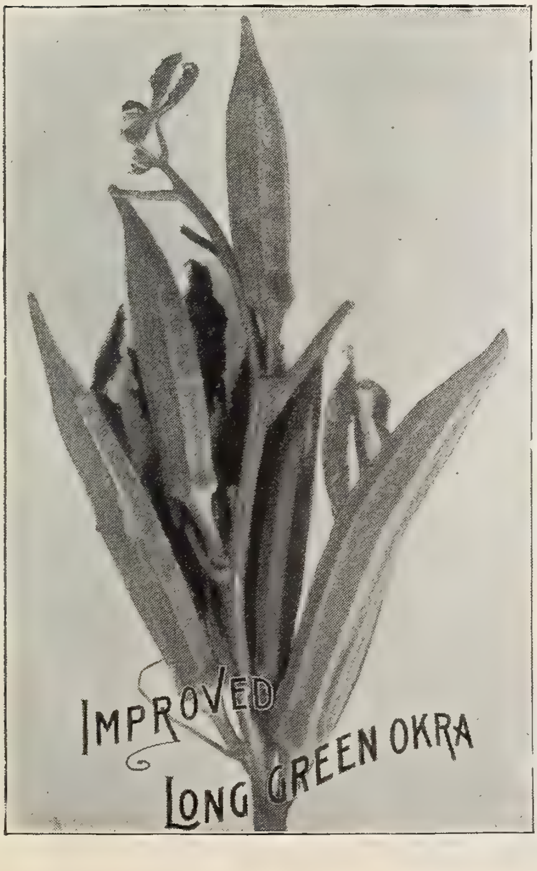
**White Barletta.** An extra early small white Onion; similar to white Queen. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.



WHITE PORTUGAL OR SILVER SKIN ONION

**Extra Early Red.** Earlier than the Wethersfield and somewhat smaller, close-grained and a good keeper. The Onions are flat in shape, grow very uniform and are somewhat strong in flavor. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., $2.50.

**Large Red Wethersfield.** Grows to full size the first season from seed. The Onions are large, flat in shape, with skin of a purplish-red color and flesh of a purplish-white color, rather strong-flavored and an excellent keeper. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 70 cts.; lb., $2.25.



IMPROVED LONG GREEN OKRA

**Southport Red Globe.** Beautiful globe shape; of medium size and a good keeper and of superior quality. This variety is very popular in some sections. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

## CHOICE ONION SETS.

**Prices subject to market changes.**

Postage on Onion Sets, 10 cts. per quart additional.

Onion Sets should be planted out as early in the spring as the ground is dry enough to work; plant them in rows 12 inches apart, with sets 2 inches apart in the row.

| | PER QT. | 4 QTS. |
|---|---|---|
| **Yellow Onion Sets** | $0 20 | $0 70 |
| **White Onion Sets** | 25 | 90 |
| **Red Onion Sets** | 25 | 90 |
| **White Potato (Multiplier)** | 25 | 90 |
| **Yellow Potato Onions** | 25 | 90 |
| **Egyptian, or Perennial Tree** | 20 | 70 |
| **Shallots** | 30 | 1 00 |

**Garlic.** Lb., 25 cts.; by mail, 35 cts. By express, 10 lbs., $2.00.

**Chives.** (See Vegetable Plants, page 46.)

When larger quantities of Onion Sets are desired, write for prices.

## OKRA, OR GUMBO.

*Essbarer Eibisch*, GER. *Gombaud*, FR. *Quimbombo*, SP.

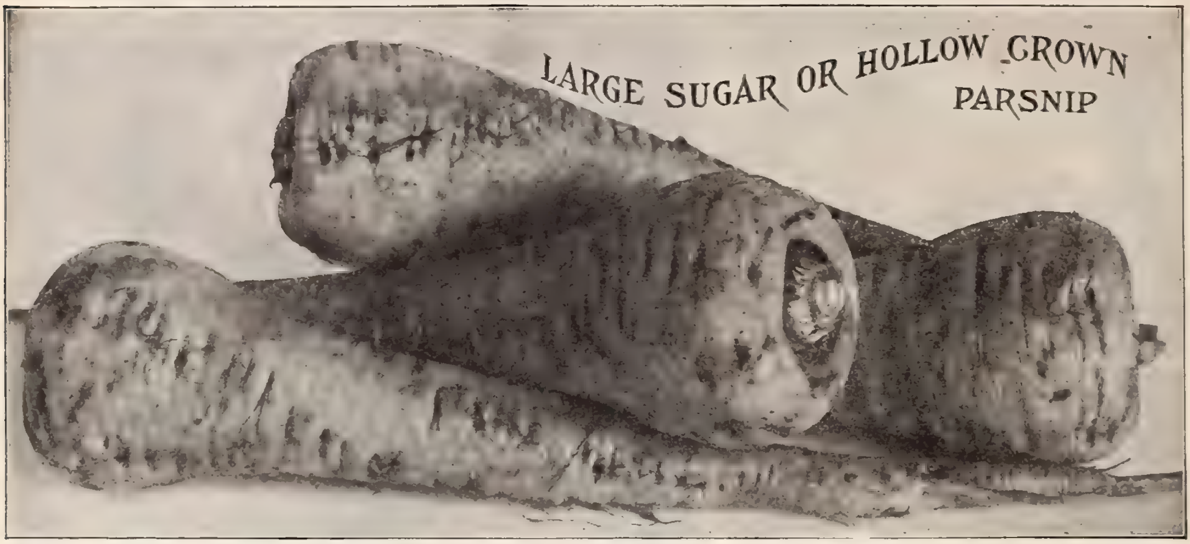
**Culture.**—This vegetable is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor, and are considered nutritious. Sow the seed thickly in rich ground about the middle of May, or when the ground has become warm, in drills 3 feet apart, 1 inch deep; thin to 10 inches apart in drills. Culture otherwise much like corn.

**Perkins' Long-Pod Okra.** An exceedingly handsome variety of Okra which is a great improvement upon other varieties heretofore grown. The pods are very tender, long, slim and of a beautiful deep green color. The habit of growth of plant is dwarf and it is very productive. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Dreer's Little Gem.** The best of the dwarf sorts. Pods long, slender and of a light green color. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

**Improved Long Green.** (See cut.) Very productive; bears long pods. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**White Creole** (*White Velvet*). Pods free from ridges and very tender. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.



*Pastinake,* GER. *Panais,* FR. *Chirivia,* SP.

## PARSNIP.

**One ounce for 200 feet of drill, 5 to 6 lbs. for an acre.**

**Culture.**—Sow as early in the spring as the weather will admit in drills 18 inches apart and ½ inch deep, in a rich, deep soil; thin out 3 to 6 inches apart in the rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. Secure enough in pits or cellars in the fall for immediate needs. Valuable for feeding stock, as well as for table use. If grown on a large scale, make rows wide enough apart to allow cultivation by horse power. Only strictly fresh seed can be relied upon for germination.

**Large Sugar, or Hollow Crown.** (See cut.) The best variety; roots long, very smooth, white, tender, sugary, and of excellent flavor. This strain was made by careful selection of roots having the distinct hollow crown. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Student, or Guernsey.** A good half-long variety. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

*Petersilie,* GER. *Persil,* FR. *Perejil,* SP.

## Parsley.

**One ounce of seed for 150 feet of drill.**

**Culture.**—Used for garnishing and seasoning soups, meats, etc. Succeeds best in a mellow, rich soil. Sow thickly early in April in rows 1 foot apart and ½ inch deep; thin out the plants to stand 6 inches apart in the rows. The seed is slow of germination, taking from three to four weeks to make its appearance, and often failing to come up in dry weather. To assist its coming up quicker, soak the seeds a few hours in warm water, or sprout in damp earth, and sow when it swells or bursts.

**Dreer's Dwarf Perfection.** (See Specialties, page 8.) Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.00; lb., $3.50.

**Dreer's Summer Green.** Especially adapted for summer. It is a strong and vigorous grower, and produces large, finely curled leaves of beautiful dark green color. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.

**Dwarf Extra Curled Perpetual.** Leaves tender, crimped and very curly, of a bright green color. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

**Champion Moss Curled.** A distinct variety, beautifully curled. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

**Half Curled.** Medium curled, used for garnishing and seasoning. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 85 cts.

**Plain.** Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Fern Leaved.** Stands winter if covered before frost. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts., lb., 85 cts.

**Turnip-rooted, or Hamburg Parsley.** The fleshy root resembles a parsnip, and is used for flavoring soups, stews, etc. Pkt., 5 cts.; oz., 15 cts., ¼ lb., 30 cts; lb., $1.00.

## PEPPER.

*Pfeffer,* GER. *Piment,* FR. *Pimiento,* SP.

**One ounce of seed for 1000 to 1500 plants.**

**Culture.**—Sow seed in flats under glass in March; prick out in other flats when 2 or 3 inches high, 2 inches apart each way, and when the weather has become thoroughly settled in spring and danger from belated freezes is over, transplant to open ground in warm, very rich and well-prepared soil, making the rows 2 to 3 feet apart, with plants 15 to 18 inches apart in the rows. The large, sweet sorts have become very popular and in large demand. The crop is, therefore, usually quite profitable, especially if brought in early in the season.

**Giant Crimson Pepper.** (See Specialties, page 8.) Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50.

**Hot Bell.** (See Specialties, page 8.) Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.00.

**Chinese Giant Pepper.** This desirable variety, of recent introduction, is undoubtedly the largest sweet Pepper ever offered. The flesh is quite thick, very mild and remarkably sweet. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50.

**Ruby Giant.** A variety of Mango Pepper, which is of a desirable size and shape for stuffing. A cross of Ruby King and Chinese Giant, grows to large size and is very mild. Pkt., 10 cts.; ½ oz., 30 cts.; oz., 50 cts.; ¼ lb., $1.50.

**Neapolitan.** A variety of sweet Pepper which has been controlled by Italians, who marketed their Peppers fully a week ahead of other growers. It grows about 3 inches long, but not as thick through as "Bull Nose;" the flesh, however, is very thick and remarkably sweet. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ¼ lb., $1.00.

**Ruby King.** Good variety for mangoes or pickling; very productive and sweet. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., 85 cts.

**Large Bell, or Bull Nose.** Large early variety, mild flavor, thick and fleshy. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., 85 cts.

| | PKT. | OZ. | ¼ LB. |
|---|---|---|---|
| **Long Sweet Spanish** | .05 | .30 | .85 |
| **Long Red Cayenne** | .05 | .30 | .85 |
| **Small Chili** | .05 | .30 | .85 |
| **Procopp's Giant** | .05 | .30 | .85 |
| **Celestial** | .05 | .30 | .85 |
| **Golden Dawn** | .05 | .30 | .85 |
| **Coral Gem** | .10 | .40 | 1.00 |
| **Red Cherry** | .05 | .30 | .85 |
| **Red Japan Cluster** | .05 | .30 | .85 |
| **Tabasco** | .10 | .40 | |
| **Creole, or Bird's Eye** | .10 | .40 | |

**PEPPER PLANTS.** (See page 46.)

*Erbsen*, GER.

# GARDEN PEAS.

*Pois*, FR. *Chicaros o Ginsantes*, SP.

**One quart will plant about 100 feet of drill. One and one-half to two bushels for an acre.**

CULTURE.—Peas of extra early, smooth class are the very first thing to be planted in the garden in spring. The wrinkled sorts follow a little later, as they are not quite so hardy. Tall late varieties need brush or other support. By selecting sorts that do not grow much over two feet high, the necessity of providing brush may be avoided. Judicious selection of varieties and planting frequently for succession will give us a full supply of the choicest green Peas almost during the entire season, with the possible exception of the hottest part of the summer. Open furrows three or four inches deep and three feet apart; scatter the seed Peas into them and cover with hoe or plow. Cultivate like corn or beans. The late tall sorts may be planted in double rows and brush stuck in between for support. All Garden Peas, however, require good, strong and fertile land. Heavy yields cannot be obtained on poor soil. The very dwarfest sorts of the American Wonder type will succeed only on the very richest garden land, and may be planted in rows a foot apart.

**Packets of all varieties of Peas, 10 cts. each, postpaid.**

## EARLY VARIETIES.

**The Leader.** (See colored plate and page 8.) Pt., 30 cts. (postpaid, 38 cts.); qt., 55 cts. (postpaid, 70 cts.); 4 qts., $2.00; peck, $3.50.

**Early Morn.** (See Specialties, page 8.) Pt., 30 cts. (postpaid, 38 cts.); qt., 55 cts. (postpaid, 70 cts.); 4 qts., $2.00; peck, $3.50.

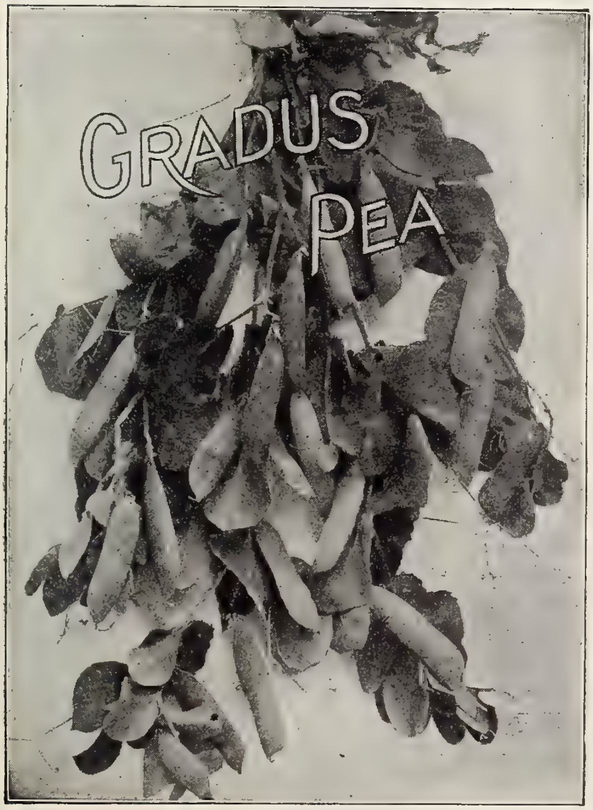
**Market Surprise.** (See Specialties, page 9.) Pt., 30 cts. (postpaid, 38 cts.); qt., 55 cts. (postpaid, 70 cts.); 4 qts., $2.00; peck, $3.50.

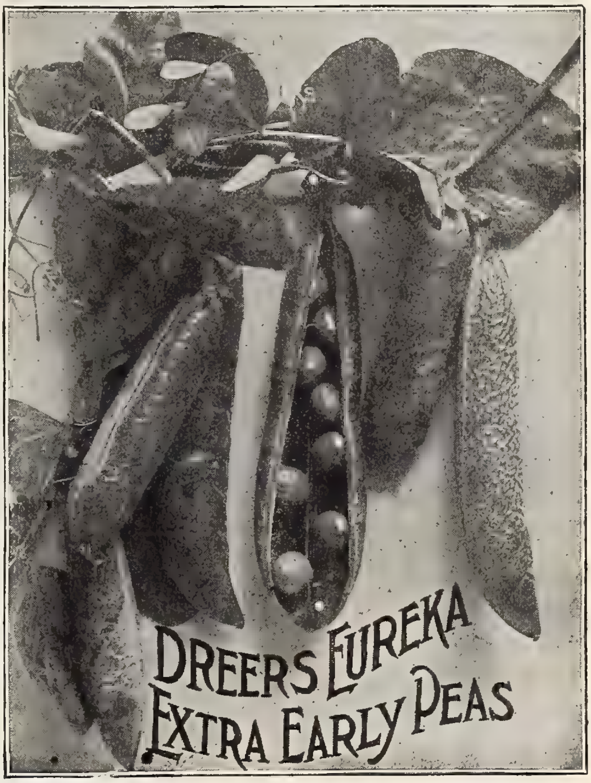
**Sutton's Excelsior.** (See Specialties, page 9.) Pt., 30 cts. (postpaid, 38 cts.); qt., 55 cts. (postpaid, 70 cts.); 4 qts., $2.00; peck, $3.50.

**Dreer's Eureka Extra Early.** (See cut.) We have been improving this strain of extra early Pea for years, and now have a very choice strain. It is the earliest and most prolific variety; height, 20 inches. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.25; peck, $2.25.

**Dreer's Electric Extra Early.** This is a variety of the Alaska type, but a great improvement, being much earlier, bearing large pods. The vines grow 2 feet high, and are loaded down with pods. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.25; peck, $2.50.

**Alaska.** An extra early round Pea, bearing pods of a dark green color; 2 feet. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.) 4 qts., $1.25; peck, $2.25.





**Dreer's Extra Early Pioneer.** Pods of medium size, containing 4 to 6 full, plump Peas; fine flavor; 20 inches. Pt., 20 cts. (postpaid, 28 cts.); qt., 30 cts. (postpaid, 45 cts.); 4 qts., $1.15; peck, $2.00.

**Improved Daniel O'Rourke.** Good early sort; height, 2 feet. Pt., 20 cts. (postpaid, 28 cts.); qt., 30 cts. (postpaid, 45 cts.); 4 qts., $1.15; peck, $2.00.

**Lightning.** A very early Pea, bearing long, well-filled pods in great profusion; 2 feet. Pt., 20 cts. (postpaid, 25 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.25; peck, $2.25,

**Surprise Pea.** This Pea is one of the earliest of the wrinkled sorts. Vines grow about two feet high, and are enormously productive. Pt., 25 cts. (postpaid, 33 cts.); qt., 45 cts. (postpaid, 60 cts.); 4 qts., $1.65; peck, $2.75.

**Gradus, or Prosperity.** (See cut.) This variety combines the finest quality with extreme earliness, and is also very productive. It is hardy, and can be planted fully as early as the smooth Peas; grows vigorous and healthy; vines 3 feet in height and very prolific, bearing pods fully as large as Telephone. Pt., 30 cts. (postpaid, 38 cts.); qt., 55 cts. (postpaid, 70 cts.); 4 qts., $2.00; peck, $3.50.

**Little Gem.** A dwarf first early green wrinkled marrow; 1½ feet. Pt., 25 cts. (postpaid, 33 cts.); qt., 40 cts. (postpaid, 55 cts.); 4 qts., $1.50; peck, $2.50.

**Premium Gem.** A fine flavored dwarf, wrinkled variety; height, 18 inches. Pt., 25 cts. (postpaid, 33 cts.); qt., 40 cts. (postpaid, 55 cts.); 4 qts., $1.50; peck, $2.50.

# GARDEN PEAS—Continued.

**Packets of all varieties of Peas, 10 cts. each, postpaid.**

Nott's Excelsior Pea

## EARLY VARIETIES—(Continued.)

**American Wonder.** A very fine, extra early wrinkled variety. It is well suited for the private garden and quite productive; height, 1 foot. Pt., 25 cts. (postpaid, 33 cts.); qt., 45 cts. (postpaid, 60 cts.); 4 qts., $1.65; peck, $2.75.

**Nott's Excelsior.** (See cut.) An improvement on American Wonder, being as early and pods decidedly larger; height, 14 inches. Pt., 25 cts. (postpaid, 33 cts.); qt., 45 cts. (postpaid, 60 cts.); 4 qts., $1.65; peck, $2.75.

**Thomas Laxton.** An early variety of large-podded Pea. The plant is a very hardy and strong grower, producing extra large size pods in abundance, and the quality is delicious; height, 3 feet. Pt., 30 cts. (postpaid, 38 cts.); qt., 55 cts. (postpaid, 70 cts.); 4 qts., $2.00; peck, $3.50.

## SECOND EARLY AND MEDIUM VARIETIES.

**Lincoln.** Grows 1½ feet high, and produces an abundance of long, deep green pods. Very fine flavor; height, 1½ feet. Pt., 30 cts. (postpaid, 38 cts.); qt., 55 cts. (postpaid, 70 cts.); 4 qts., $2.00; peck, $3.50.

**Shropshire Hero.** A grand second early wrinkled Pea, producing long, handsome, well-filled pods in great abundance; 2½ feet. Pt., 25 cts. (postpaid, 33 cts.); qt., 40 cts. (postpaid, 55 cts.); 4 qts., $1.50; peck, $2.50.

**Abundance.** Pods contain 6 to 8 large wrinkled Peas, and ripen about one week after the earliest kinds; height, 1½ feet. Pt., 25 cts. (postpaid, 33 cts.); qt., 40 cts. (postpaid, 55 cts.); 4 qts., $1.50; peck, $2.50.

**Advancer.** Prolific, well-filled, long pods, tender and delicious flavor; 2 feet, Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.25; peck, $2.25.

**Heroine.** A medium early green wrinkled Pea, which is exceedingly prolific; height, 2 to 2½ feet. Pt., 25 cts. (postpaid, 33 cts.); qt., 40 cts. (postpaid, 55 cts.); 4 qts., $1.50; peck, $2.50.

**Fillbasket.** Hardy, prolific. Pods well filled with medium-sized Peas; height, 2½ feet. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.25; peck, $2.25.

## GENERAL LATE CROP.

**Telephone.** (See cut.) The pods are of large size, containing 6 to 7 Peas each, and of most delicious flavor; 3½ feet Pt., 30 cts. (postpaid, 38 cts.); qt., 50 cts. (postpaid, 65 cts.); 4 qts., $1.75; peck, $3.00.

**Carter's Daisy, or Dwarf Telephone.** This is a dwarf variety, bearing large, handsome pods like Telephone; height, 18 inches. Pt., 25 cts. (postpaid, 33 cts.); qt., 45 cts. (postpaid, 60 cts.); 4 qts., $1.65; peck, $2.75.

**Improved Stratagem.** Pods of immense size, filled with very large dark green Peas of the finest quality; height, 18 inches. Pt., 30 cts. (postpaid, 38 cts.); qt., 50 cts. (postpaid, 65 cts.); 4 qts., $1.75; peck, $3.00.

**Dwarf Champion.** This variety is of dwarf, stocky habit, healthy, vigorous growth and very productive; height, 2 feet. Pt., 25 cts. (postpaid, 33 cts.); qt., 40 cts. (postpaid, 55 cts.); 4 qts., $1.50; peck, $2.50

**Champion of England.** This popular wrinkled variety is still largely used on account of the rich flavor of the Peas; 5 feet Pt., 25 cts. (postpaid, 33 cts.); qt., 40 cts (postpaid, 55 cts.); 4 qts., $1.50; peck, $2.50.

**Pride of the Market.** A dwarf Pea of vigorous habit and very productive; height, 2 feet. Pt., 30 cts. (postpaid, 38 cts.); qt., 55 cts. (postpaid, 70 cts.); 4 qts., $2.00; peck, $3.50.

**Yorkshire Hero.** Pods are well filled with large Peas, which remain in good condition for a long time; 2 feet. Pt., 25 cts. (postpaid, 33 cts.); qt., 40 cts. (postpaid, 55 cts.); 4 qts., $1.50; peck, $2.50.

**Everbearing.** A first-class Pea for summer and autumn use; height, 2½ feet. Pt., 25 cts. (postpaid, 33 cts.); qt., 40 cts. (postpaid, 55 cts.); 4 qts., $1.50; peck, $2.50.

Telephone Pea

# GARDEN PEAS.—General and Late Crop (*Continued*).

**All varieties of Peas, 10 cts. per pkt.**

**Long Island Mammoth.** (See cut.) A very productive variety, excellent alike both for the home garden and for market gardeners' use. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.25; peck, $2.25.

**Telegraph.** Large pods, deep green color and fine flavor; 3½ feet. Pt., 20 cts. (postpaid, 28 cts.); qt., 35 cts. (postpaid, 50 cts.); 4 qts., $1.25; peck, $2.25.

**Blue Imperial.** Pt., 15 cts. (postpaid, 23 cts.); qt., 25 cts. (postpaid, 40 cts.); 4 qts., $1.00; peck, $1.75.

**French Canner** (*Petit Pois or Small French Pea*). Pt., 20 cts. (postpaid, 28 cts.); qt., 30 cts. (postpaid, 45 cts.); 4 qts., $1.15; peck, $2.00.

**Large White Marrowfat.** Pt., 15 cts. (postpaid, 23 cts.); qt., 25 cts. (postpaid, 40 cts.); 4 qts., 90 cts.; peck, $1.50.

**Black-eyed Marrowfat.** Pt., 15 cts. (postpaid, 23 cts.); qt., 25 cts. (postpaid, 40 cts.); 4 qts., 90 cts.; peck, $1.50.

**Giant Sugar.** Pods are cooked in same manner as snap-short beans, and are delicious. Pt., 35 cts. (postpaid, 43 cts.); qt., 60 cts. (postpaid, 75 cts.).

**Dwarf White Sugar.** Pt., 30 cts. (postpaid, 38 cts.); qt., 50 cts. (postpaid, 65 cts.).

**Tall White Sugar.** Pt., 30 cts. (postpaid, 38 cts.); qt., 50 cts. (postpaid, 65 cts.).

**FIELD PEAS.** (See page 53.)

LONG ISLAND MAMMOTH

*Grosse-Kurbis*, GER. *Potiron*, FR. *Calabaza*, SP.

# PUMPKIN.

**One ounce for 25 hills, 3 pounds for an acre.**

**Culture.**—Sow in good soil in May, when the ground has become warm, in hills 10 feet apart each way, or in fields of corn about every fourth hill; plant at the same time with the corn. Pumpkin varieties if planted together will mix. There is not much danger of their mixing or hybridizing with squashes or other vines.

**Sugar, or New England Pie.** (See cut.) For making pies this variety cannot be excelled. The Pumpkins are small, but very sweet, fine-grained and of the best quality. The skin is a deep orange and flesh rich yellow. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb, $1.00.

**Winter Luxury Pumpkin.** A splendid pie Pumpkin; shape round, skin finely netted, and beautiful russet-yellow color; flesh thick and of fine flavor. The vines are healthy and produce large numbers of Pumpkins, which keep well during the winter. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.

**Mammoth Golden Cashaw.** An improvement on the old light-colored Cashaw, the skin being a beautiful golden-orange color. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.

**Large Yellow Mammoth Potiron** (*King of the Mammoths, Jumbo*). Specimens have been grown weighing over 100 pounds. The color of the outer skin is a rich, dark yellow, flesh a little lighter shade. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

**Quaker Pie Pumpkin.** A fine-grained, oval-shaped Pumpkin of rich flavor. Keeps well if stored in a dry place. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.

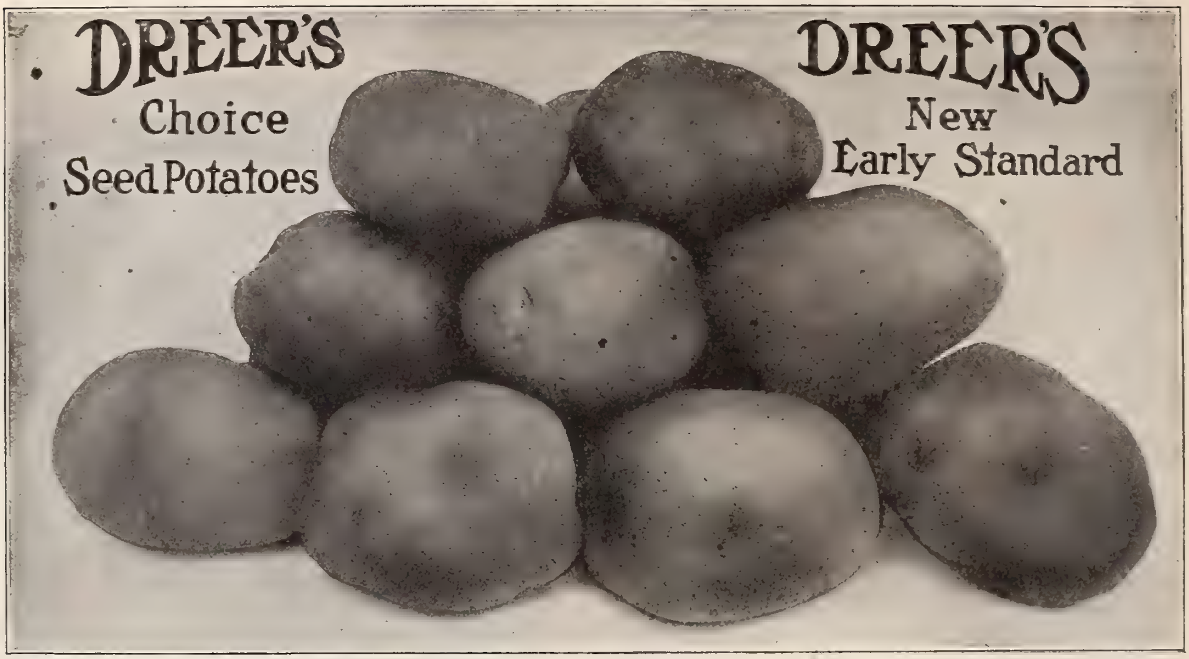
**Large Tours.** A French variety which grows to a large size. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.

**Large Cheese.** Very good for table use. Skin orange, flesh yellow and sweet. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 80 cts.

**Tennessee Sweet Potato.** Fine for pies. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 80 cts.

**Large Yellow Field.** For feeding stock. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 50 cts. By express, 10 lbs., $3.50

SUGAR OR NEW ENGLAND — PIE PUMPKIN



**Culture.**—Any good well-drained, fibrous loam will produce Potatoes under right climatic conditions. For early Potatoes, which mature in 8 to 10 weeks from planting, the soil must be particularly rich. A rich clover sod, manured and broken the year before and planted to corn, beans, peas, oats, etc., is in best shape for giving a good yield of nice clean Potatoes. Stable manure had better be applied to the land the year before, while some good complete fertilizer, at the rate of up to 1000 pounds per acre if applied broadcast, or 400 to 600 pounds if applied mostly in the rows, may be used directly for the Potato crop. Open furrows 3 feet apart and 3 to 4 inches deep. Apply the fertilizer, and run the furrower or small plow again in the furrow to mix the fertilizer with the soil and leave a mellow seedbed. Then plant good-sized pieces, each containing not less than 2 or 3 eyes, 15 inches apart in the furrows for early Potatoes, and 18 inches apart for late ones. In some of the large Potato sections the Potatoes are always planted in check rows 3 feet apart each way. Cover with coverer, small plow or other suitable tool. Cultivate often. Spray with Bordeaux Arsenate of Lead Mixture as a protection from flea beetle, potato beetle, and blight. **8 to 10 bushels will plant an acre.**

**IMPORTANT.—Prices of Potatoes are subject to market changes. Potatoes are forwarded by express or freight as directed, purchaser paying charges. We assume no risk on Potatoes, and ship strictly on purchaser's responsibility. Sacks contain 165 lbs. of Potatoes.**

**Dreer's New Early Standard.** (See cut.) An extremely early new variety, which matures fully one week ahead of the Bovee. The tubers are produced abundantly and are of a uniform size. The plants are of dwarf, compact habit in growth, strong and healthy, free from blight and disease, and will also withstand drought. When the tubers are matured, the vines die down and never make a second growth. It invariably produces a large crop of smooth Potatoes, which are roundish in shape, beautiful white skin, very smooth and few eyes. The quality is superb, flesh being pure white and cooks very mealy. ½ peck, 45 cts.; peck, 75 cts.; bu., $2.35; bbl. sack, $5.00.

**Bliss' Triumph.** Extremely early, round, thin, bright red skin, white flesh; sometimes sold in market as Bermudas. Peck, 75 cts.; bu., $2.25; bbl. sack, $4.75.

**Pride of the South, or White Bliss.** White skin and flesh, extra early and productive. Peck, 70 cts.; bu., $2.00; bbl. sack, $4.50.

**Bovee.** Earlier than the Early Rose and a much more productive variety. The vine is dwarf and stocky, skin pink or flesh color, presenting a fine appearance, and the quality is all that could be desired. Peck, 65 cts.; bu., $1.85; bbl. sack, $4.25.

**Beauty of Hebron.** This is an old-time favorite which matures early, tubers have red and white skin, grow to a good size and are of excellent quality. It is also a very productive variety and a remarkably good keeper. Peck, 60 cts.; bu., $1.75; bbl. sack, $4.00.

**Irish Cobbler.** One of the first varieties of Potatoes to be ready for market, and therefore will command a good price. The skin is creamy-white, sometimes netted, which is an indication of good quality; eyes are strong, well-developed, and but slightly indented. The flesh is white and of fine flavor. Peck, 65 cts.; bu., $1.85; bbl. sack, $4.25.

**Early Rose.** We sell more of this variety than any other, as it is the leading early sort in almost all sections. The stock we furnish is northern-grown, and has been carefully grown. Peck, 60 cts.; bu., $1.75; bbl. sack, $4.00.

**Early Ohio.** An old-time favorite; matures early, and the Potatoes are fit for use before fully ripe. Many growers consider it the most profitable early market variety. Peck, 70 cts.; bu., $2.00; bbl. sack, $4.50.

**Burbank's Seedling.** A white-skinned, medium early variety, with few eyes, flesh fine-grained and good flavor. Peck, 55 cts.; bu., $1.60; bbl. sack, $3.75.

**White Star.** A medium early variety of fine quality and appearance; large, oblong, uniform-sized tubers, remarkably productive. Peck, 55 cts.; bu., $1.60; bbl. sack, $3.75.

**State of Maine.** Medium early, splendid flavor, cooks dry, is a good keeper and very productive. Peck, 50 cts.; bu., $1.50; bbl. sack, $3.50.

**Carman No. 1.** Intermediate in ripening, and resembles the Rural New Yorker No. 2 in shape, and also in having very few and shallow eyes. The flesh is white and quality perfect. Peck, 50 cts.; bu., $1.50; bbl. sack, $3.50.

**Carman No. 3.** Originated on the trial grounds of the "Rural New Yorker." It is a good late variety and one of the greatest yielders; large, oblong, slightly flattened. Peck, 50 cts.; bu., $1.50; bbl. sack, $3.50.

**Rural New Yorker No. 2.** A valuable variety of large size, very smooth and a great cropper; in quality unexcelled. It is the best late long keeper, and we recommend it highly. Peck, 50 cts.; bu., $1.50; bbl. sack, $3.50.

**Sir Walter Raleigh.** This valuable variety is a seedling from Rural New Yorker No. 2, which variety it resembles very much. The flesh is white and fine-grained; it produces heavy crops, and the Potatoes grow to a large size. Peck, 50 cts.; bu., $1.50; bbl. sack, $3.50.

# RADISH.

*Radieshen, Rettig,* GER. *Radis, Rave, Petite Rave,* FR. *Rabana,* SP.

**One ounce of seed will sow 100 feet of drill.**

**CULTURE.**—Sow early and often. In good, warm, fibrous loam, especially if quite sandy, summer Radishes will make a crop in 4 to 6 weeks from sowing. The soil should be well prepared, and fertilizers may be used freely. Have the rows a foot apart, and sow just seed enough so they will not require thinning. Any little spot that becomes available during summer may be utilized for planting Radishes. The short or turnip-rooted sorts are quickest and easiest to grow, and good for forcing also. On greenhouse bench or in frames the rows need not be more than 4 inches apart. Sow winter Radishes in July and August. They grow best in the cooler autumn weather. Take them up before severe freezing and store in sand in the cellar, or in a pit, where they will keep tender and crisp all winter.

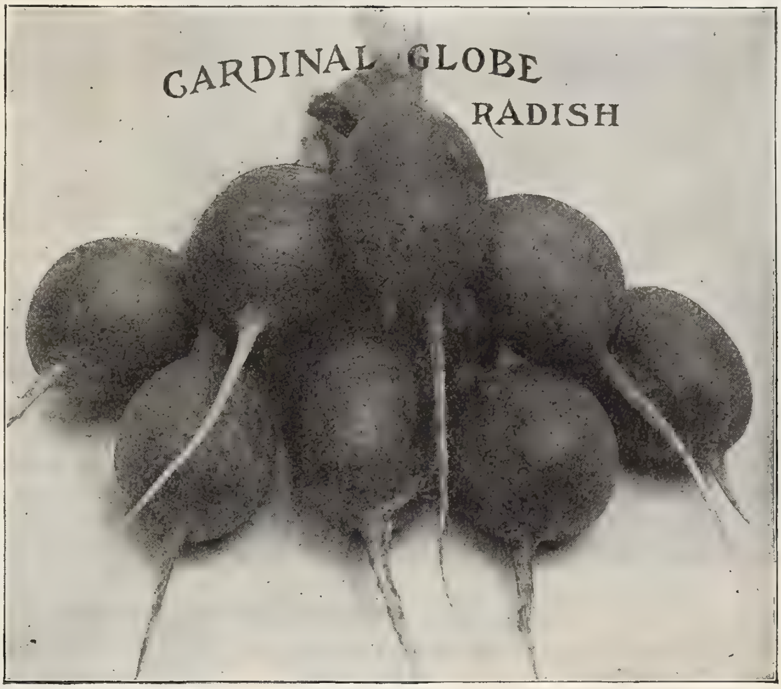
**New Perfection.** (See Specialties, page 10.) Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

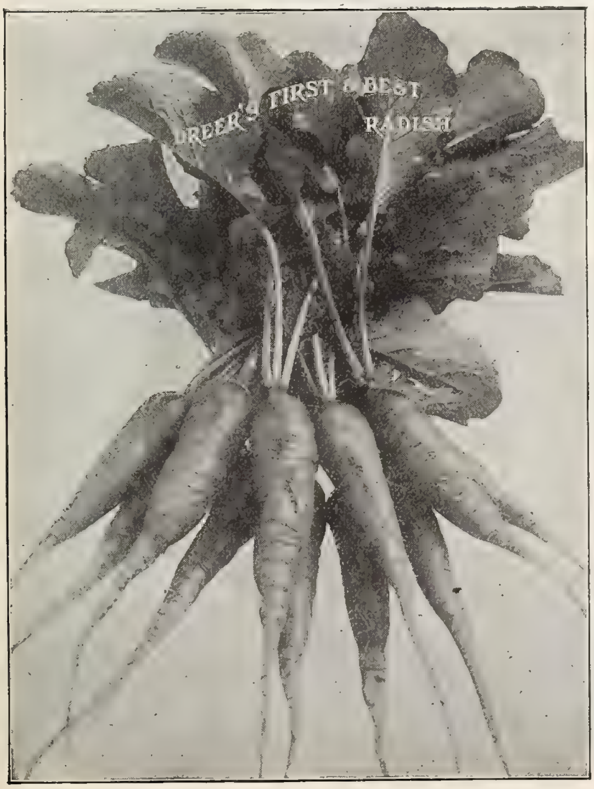
**Earliest Red May.** (See Specialties, page 10.) Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Earliest White May.** (See Specialties, page 10.) Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Cardinal Globe.** (See cut.) Those who like the crisp little red Radishes that come so early will be pleased with this variety. The Radishes grow globular in shape, and are of a most brilliant cardinal-red color. It will stand considerable heat; therefore it is a quick forcer, and the quality is fine, being crisp and tender. It is by far the best variety for forcing, and also does well in open ground. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 35 cts.; lb., $1.00.

**Crimson Giant.** Suitable for forcing or early planting out of doors. A remarkable feature of this Radish is that it will grow double the size of other red forcing Radishes and still remain solid, not showing the least sign of becoming hollow. Round to oval in shape, and very attractive. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 35 cts.; lb., $1.00.





**Dreer's Crimson Ball.** A dainty little Radish, of mild flavor; skin bright red, flesh tinged with red. Good for forcing or out-of-door planting. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**White-tipped Scarlet Gem.** Excellent for forcing; short leaves, bright scarlet with white tip. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 80 cts.

**Dreer's First and Best Radish.** An attractive half long Radish of very early maturity. The color is a rich deep scarlet, size medium, making it very dainty. The tops are small, and roots grow uniform in size and shape, tapering to a point. The quality is fine, being delightfully crisp and juicy. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

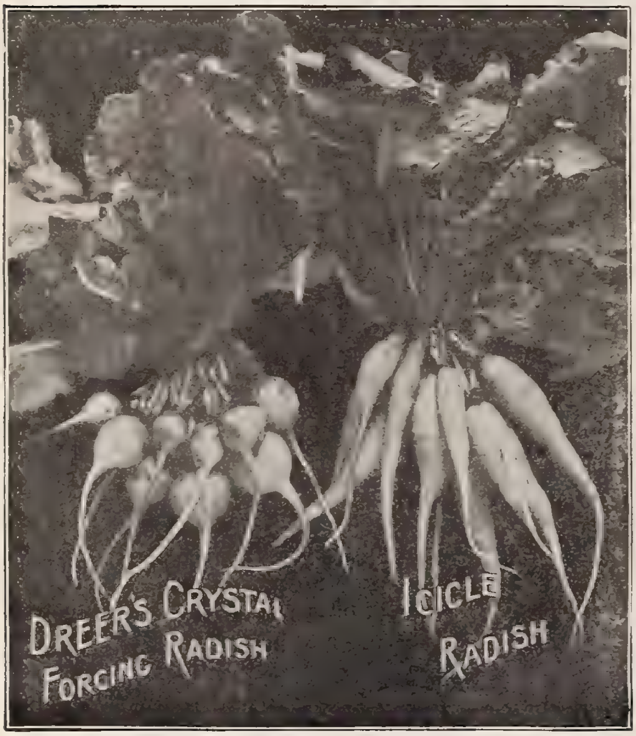
**Dreer's Crystal Forcing.** (See illustration, page 40.) Quick growth, beautiful shape, small top. A very desirable and shapely Radish; in fact, we consider it quite superior to any other white forcing Radish. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**Dreer's Earliest White Globe Forcing.** Oval shape; very small root, small top; flesh white, tender and crisp. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 35 cts.; lb., $1.00.

**Golden=Yellow Olive=shaped.** An early yellow Radish Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 80 cts.

| | PKT. | OZ. | ¼ LB. | LB |
|---|---|---|---|---|
| **Early Scarlet Turnip** | 5 | 10 | 30 | 80 |
| **French Breakfast** | 5 | 10 | 25 | 75 |
| **Scarlet Olive=shaped** | 5 | 10 | 25 | 75 |
| **Half=Long Deep Scarlet** | 5 | 10 | 30 | 80 |
| **Cincinnati Market** | 5 | 10 | 30 | 80 |
| **Long Scarlet Short Top** | 5 | 10 | 25 | 75 |
| **Round White Forcing** | 5 | 10 | 30 | 80 |
| **Early White Turnip** | 5 | 10 | 25 | 75 |
| **Philadelphia White Box** | 5 | 10 | 25 | 75 |
| **Golden Dresden** | 5 | 10 | 30 | 80 |

# RADISH—*Continued.*



## SUMMER RADISHES.

**White Delicacy.** An attractive long white variety, which is a great improvement on the White Strasburg, being earlier, more evenly shaped and smaller top. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

**Icicle Radish.** (See cut.) These Radishes are transparent white, have small tops, allowing close planting, and are very crisp and brittle. A feature greatly in its favor is that it remains in good condition while growing for a long time, thus allowing a continuous pulling from the same planting. Pk., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 80 cts.

**White Chartier.** This long white Radish is of same character as the Beckert's Chartier, except in color. Pk., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 80 cts.

**Beckert's Chartier.** Long crimson, shaded white. This variety can be used in an early state, and will continue to supply the crisp Radishes until they reach a large size. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 80 cts.

**Long White Vienna** (*Lady Finger*). Skin and flesh are pure snow white; crisp and of rapid growth. Pk., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 80 cts.

**White Strasburg.** Roots oblong; pure white; mild flavor. Can be used while quite small, and is an excellent sort for growing during the summer season. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 80 cts.

**Large White Summer.** Large turnip-shaped. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 80 cts.

**Large Yellow Summer.** Like White Summer, except in color. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 80 cts.

## WINTER RADISHES.

**Scarlet China.** One of the best fall and winter varieties. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 80 cts.

**Round Scarlet China.** Root round, of a fine scarlet color. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 35 cts.; lb., $1.00.

**Round Black Spanish.** This Radish grows to a fair size, is round in shape, and considered excellent for winter use. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

**Long Black Spanish.** Long in shape, of good flavor, and used by those who prefer a long Radish to a round sort. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

**Krewson's Oblong Black Spanish.** An improvement on the Round Black Spanish; longer and of much more perfect form. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 35 cts.; lb., $1.00.

**Long White Spanish.** Also grows long, as its name implies, but is of white color; flavor is all that could be desired in a winter Radish. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts

**White Chinese, or Celestial.** (See cut.) A Chinese production, and one of the best white winter Radishes; it is stump-rooted and grows to a large size, and even when extremely large the Radishes are solid, crisp and of a mild flavor. The skin is pure white, making it a very attractive variety. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.25.

**California White Winter.** Grows from 10 to 12 inches long, is very solid and of good quality; a good keeper. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

# RHUBARB.

*Rhabarber,* GER. *Rhubarbe,* FR. *Ruibarbo,* SP.

**One ounce of seed will produce about 1000 plants.**

**Culture.** Good plants are easily grown in any good garden soil. Sow seed thinly in shallow drills a foot apart, thin to 4 or 5 inches. Keep soil loose and free from weeds. The plants are liable to vary considerably. Pick out the strongest and best. In fall or spring following transplant to the permanent bed, 4 feet apart each way, in deep, warm and very rich soil. The more manure the better stalks. For winter forcing take up two-year roots in fall, leave out to freeze, then bed close together on cellar bottom or under greenhouse bench in the dark

**Linnæus.** Early, large; tender and very fine. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

**Victoria.** Very large, the finest cooking variety. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

**(For Rhubarb Roots see page 46.)**

WHITE CHINESE OR CELESTIAL RADISH

## *Spinat,* GER. SPINACH. *Espinard,* FR. *Espinaca,* SP.

**One ounce for 100 feet of drill; 10 to 12 lbs. in drills for an acre.**

**Culture.**—Spinach is an important market gardener's crop, of easy culture. For spring and summer use sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and every two weeks for a succession For winter and early spring use, sow in September in well manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich. The stronger the ground, the more delicate and succulent will be the leaves. The New Zealand Spinach, which requires more room, as it makes a large and spreading plant, may be started from seed early in spring to give greens during the heat of summer. Light applications of nitrate of soda have often a magic effect on Spinach. Spinach is sometimes forced by sowing in early September in frames, over which sash is placed during February and March, and further protected by mats during severe freezing weather.

**Long Season Spinach.** (See cut.) Sowings can be made in early spring and followed monthly with further sowings, and the crop will be continuous throughout the entire summer. The leaves are a rich dark green color, very thick, crumpled and of splendid quality. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

LONG SEASON SPINACH

**Dreer's Round-seeded Savoy.** This is the hardiest large Savoy-leaved; curled and crimped, with thick, fleshy leaves; excellent for family use, and best of all for fall sowing. Pkt., 5 cts.; oz., 10 cts.; ¼ lb, 15 cts.; lb., 40 cts.; 10 lbs. or more, by express, 30 cts. per lb.

**Long-standing Round-seeded.** A large, crimped, thick, fleshy Savoy-leaved variety. Slow to run to seed. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.

**Victoria.** This variety is of remarkably fine texture, of the deepest green color, heavily crimped, thick, fleshy leaves, deep red stem. Pkt., 5 cts; oz., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.; 10 lbs. or more, by express, 30 cts. per lb.

**Prickly-seeded.** The hardiest variety, having small leaves; is not so productive as the above sorts. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 15 cts.; lb., 40 cts.

**New Zealand.** This endures heat, and is best for summer. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., $1.00.

MAMMOTH SANDWICH ISLAND SALSIFY.

## *Hafer-Wurzel,* GER. SALSIFY *Salsifis,* FR. *Ostien Vegetal,* SP.

## OR VEGETABLE OYSTER.

**One ounce for 50 feet of drill.**

**Culture.**—Used the same as Carrots; or, after having been boiled, made into cakes and fried like oysters, which they resemble in flavor. Cultivate the same as Carrots or Parsnips; it is hardy; can remain in the ground all winter for early spring use, but should be taken up before it starts growing; take up a supply for use during the winter. Succeeds best in a light, well enriched, mellow soil. Sow early in the spring in drills 12 to 15 inches apart, 1 inch deep; thin, if necessary, to 6 inches apart.

**Mammoth Sandwich Island.** (See cut.) This variety of Salsify grows to a very large size, and resembles a good-sized Parsnip. It is very mild and delicately flavored, and very popular. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 40 cts.; lb., $1.50.

**Long White.** A favorite market variety and fine flavored. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.25.

**Long Black, or Scorzonera.** Resembles above, but black. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 65 cts.; lb., $2.00.

*Speise-Kurbis,* GER.

# SQUASH.

*Courge,* FR. *Calabaza,* SP.

**One ounce of seed for 25 hills, 3 to 4 pounds for an acre.**

**CULTURE.**—All Squashes do best in warm and very rich soil. Plant in well manured hills, same as melons or cucumbers, the bush varieties 4 feet apart each way, the winter sorts 10 to 12 feet each way. Use seed freely, 8 to 12 seeds to the hill, to provide for losses by insects. When danger of such losses is past, thin to 2 or 4 plants to the hill. To repel the Squash vine borer, throw a handful of tobacco dust close around the plants. The large strong-smelling black Squash bug can be kept in check by handpicking, going over the vines at frequent intervals. For yellow-striped beetle and blight, spray early and repeatedly with Bordeaux Arsenate of Lead Mixture. Winter Squashes may also be grown in cornfields in same manner as it is customary in many places to grow pumpkins.

Extra Early Jersey
White Bush Squash

## EARLY VARIETIES.

**Extra Early Jersey White Bush.** (See cut.) An improved strain of the old White Bush Squash, the result of selections which have been made by a prominent market gardener. It grows in the bush form, and is enormously productive. The Squashes mature fully ten days earlier than the old sort, and are of good size. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

**Early White Bush.** This variety is also known as the "Pattypan," and in the South is called "Cymling." It is of dwarf growth and an abundant bearer of creamy-white Squashes. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.

**Golden Custard Bush.** Similar in shape to the White Bush variety, but skin is a rich golden-yellow and flesh pale yellow. The quality is good and cooks tender. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.

**Yellow Summer Crook-neck.** Early, productive and of good quality. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.

**Giant Crook-neck.** Much larger than above, equally as early. The flesh is thick, yellow and of splendid quality. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.

**Faxon.** Early and of superior quality. A good keeper. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

**Delicata.** Good either for summer or winter, very small size, rich flavor. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

**Early Prolific Orange Marrow.** Resembles Boston Marrow in shape. It has thin but hard rind, and the flesh is deep, fine-grained and of a delicious flavor. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

**Vegetable Marrow.** A delicious English sort; skin greenish-white; flesh white, soft and of rich flavor. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.

## FALL AND WINTER SORTS.

**Delicious.** (See cut.) Finer grained and more delicious than Hubbard. The color of skin is green, with an occasional blue specimen; size about same as Hubbard. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

**Boston Marrow.** A good keeper; of excellent flavor; flesh orange-colored and fine-grained; oval form and a popular sort. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 35 cts.; lb., $1.00.

**Golden Hubbard.** Shape same as old-fashioned Hubbard, but skin is rich orange color. The flesh is deep golden-yellow, cooks dry, fine flavor. A good keeper. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

**Warted Hubbard.** A Hubbard Squash with warted skin. The vines grow strong and produce a large number of Squashes, which are of good size and keep well. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

**Hubbard.** Large size; flesh fine-grained, dry, fine flavor. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

**Golden Bronze.** A cross between Bay State and Boston Marrow. Shape much the same as latter variety, skin is wrinkled. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

**Essex Hybrid.** Flesh very thick, rich-colored and solid. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

**Pike's Peak, or Sibley.** Pale green; flesh thick, solid, very dry. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

**Mammoth Chili.** Rich orange-yellow; flesh thick and of good quality for making pies; also a good sort for feeding stock. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., $1.50.

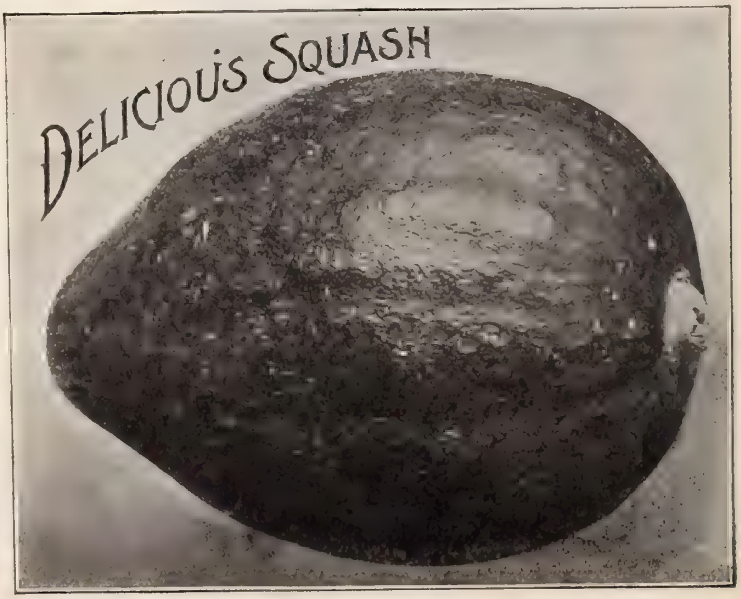
**Winter Crook-neck.** An excellent keeping variety. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.

# SORREL.

*Sauerampfer,* GER. *Oseille,* FR. *Acedera,* SP.

**CULTURE.**—Used for soups and salads on account of its pleasant acid flavor. Sow seed in any good garden land, in shallow drills a foot apart. Thin plants to a few inches apart, and remove seed stalks as soon as they appear.

**Large-leaved Garden.** Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., $1.00.



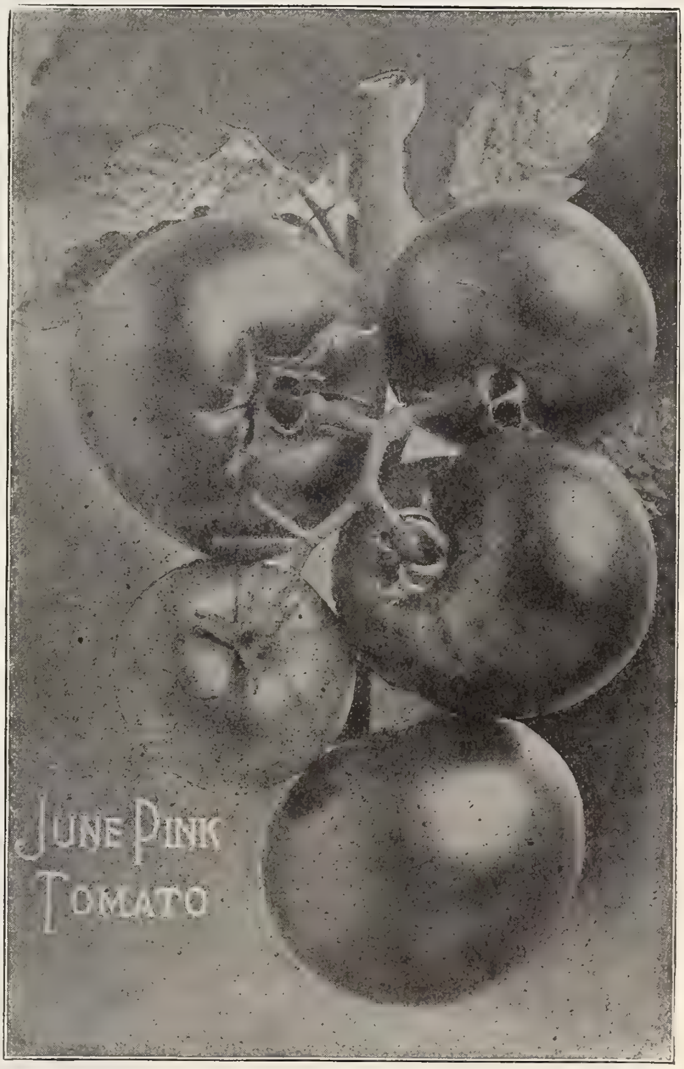
*Liebesapfel*, Ger.

# TOMATO.

*Tomate*, Fr. *Tomate*, Sp.

**One ounce of seed will produce from 3000 to 4000 plants.**

**CULTURE.**—For first early Tomatoes select varieties of the earliest types, and start the plants under glass during February. When plants are 2 inches high, transplant into flats, thumb pots or plant boxes, and later on transplant again, giving more room. Never crowd the plants, but keep them short and stocky. Plants already in bloom or with fruit set, if in wooden plant boxes or in pots, may be transplanted to open ground without disturbing their roots, and will continue to bloom and fruit without check. Set these sorts 4 feet apart each way in warm, mellow soil of fair fertility as soon as danger from belated frosts is past. For main crop, the plants can be started somewhat later, in hotbed or cold frame, once transplanted to keep them stocky, and then set in open ground in fairly good warm soil, 5 feet apart each way. A very ornamental show can be made in the home garden by training tomato plants to stakes, poles or trellis. Applications of superphosphate, or of some good complete (vegetable) fertilizer often have a very happy effect on Tomatoes in hastening maturity and increasing the yield.



**Early Detroit.** (See Specialties, page 10.) Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

**Livingston's Hummer.** (See Specialties, page 10.) Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.00.

**Comet.** A productive forcing Tomato. Fruits medium size, rich scarlet color and good quality. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

**Best of All** (*Forcing*). Vines grow strong and healthy, and produce Tomatoes in heavy bunches. The fruits grow to a good size, are very solid and firm, containing but few seeds; color deep scarlet. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.

**Lorillard** (*Forcing*). A good sort for forcing as well as outdoor culture; bright red, smooth, early. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 85 cts.

**Frogmore Selected.** A forcing variety of great merit. The plants are healthy and very productive. Shape round, color deep bright red. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.00.

**Mayflower.** Excellent for forcing or outside use; medium size, bright red. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., 85 cts.

**Dreer's Earliest of All.** Very early, medium size. Flesh solid, brilliant red. Fruits grow in clusters, and continue to ripen until fall. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.00.

**Sparks' Earliana.** This is an extremely early variety of Tomato, and produces large clusters of fair size fruits, which are very uniform in size and shape. It is hardy, and can be set out early. Color of flesh deep red, very solid and fine flavor. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 85 cts.

**Bonny Best.** An early and productive variety. Fruits are round, somewhat flattened at stem end and are produced in abundance. The color is scarlet and quality good. It is also a good forcing Tomato. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

**June Pink.** (See cut.) The fruits grow in clusters, and begin to mature very early, measure 3 inches in diameter and are of excellent quality. It bears for a long season, until the vines are killed by frost. Pkt., 10 cts.; oz., 35 cts.; ¼ lb, $1.00.

**Favorite.** Large size, ripens evenly and early; very prolific, good flavor. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Paragon.** A fine early variety. Fruit of large size, solid and smooth as an apple. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Trophy.** An old-time favorite. Large size, smooth, solid and excellent flavor. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Beauty.** Rich glossy crimson, with a slight purple tinge; large size, very smooth and solid. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Chalk's Early Jewel.** Ripens later than Earliana. Color bright scarlet and quality good. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 85 cts.

**Atlantic Prize, or Early Ruby.** Splendid extra early variety for general use, of large size, bright red color and smooth. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., 85 cts.

**Dwarf Champion.** Early and distinct. Medium size, plant of dwarf growth. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., 85 cts.

**Acme.** Medium size, round, very solid, of a pinkish color. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Perfection.** Larger than Acme, fully as early; deep red in color. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

**Freedom.** Fruits mature early and continue bearing for a long season. Fair size, smooth, bright scarlet. Pkt., 5 cts.; oz., 35 cts.; ¼ lb., $1.00.

**Livingston's Globe.** In shape this Tomato is distinct from all others, being a beautiful globe. It ripens evenly through and through; a fine glossy rose in color, tinged with purple; very productive. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.00.

**Livingston's Coreless.** This Tomato is almost round, being of about the same diameter each way. Clusters of 4 to 7 fruits are produced at 6 to 8 inches apart along the stem, and all are of good size. A grand, good slicing variety, the seed cells being surrounded by bright red, heavy, meaty and delicious flesh. Pkt., 10 cts; oz., 35 cts.; ¼ lb., $1.00.

# TOMATO—(*Continued*).

NEW DWARF STONE
TOMATO

**New Dwarf Stone.** (See cut.) This Tomato was originated by "Livingston," the Tomato specialist. In habit of vine it resembles Dwarf Champion, but is of stronger growth, and stands more erect. The Tomatoes resemble the original Stone in color, shape, and, what is remarkable for an erect sort, they are practically the same size. The shape is perfect, with good skin, very solid flesh, ripens evenly and is of excellent flavor. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.00.

**The Stone.** Dreer's selected stock. Fruit very large and deep; bright scarlet; smooth, ripening evenly to the stem without a crack; exceedingly solid and firm-fleshed, of the finest quality. The plants grow vigorously and are very productive; the Tomatoes are heavy and thick-meated, making it an extremely valuable variety for family use and for canning purposes. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., 85 cts.

**The Marvel.** This is a distinct variety, noted for its marvellous productiveness and fine quality. The color when ripe is a light red; very attractive. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.00.

**Matchless.** A large, bright red Tomato, very solid and meaty, containing but few seeds. The flavor is excellent. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., 85 cts.

**Truckers' Favorite.** A large and handsome variety. Fruits purple, thick-meated and fine flavor. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., 85 cts.

**Ponderosa.** This is one of the largest varieties; although somewhat irregular in shape, it is good, particularly for stewing. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

**Dreer's Superb Salad.** (See cut.) This variety is distinctly a salad Tomato, as it does not grow large or coarse. It is just the right size for serving whole with lettuce. The plants are of healthy, robust growth, and produce a great abundance of fruit, which is even in size, solid and contain but few seeds. The color is a rich scarlet and the flavor very good. This variety can also be grown under glass. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

**Crimson Cushion.** Large size and uniform shape, sometimes weigh one pound. Nearly round and of very good quality, being free from acid taste; color bright scarlet. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

**Enormous.** So named on account of the large size of Tomatoes, which are very solid and smooth. Quality good. Pkt., 5 cts.; oz., 35 cts.; ¼ lb., $1.00.

**Buckeye State.** One of the largest; fruits in immense clusters; solid and meaty. Color similar to Beauty, but darker and richer. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., 85 cts.

**Magnus.** This Tomato is the same color as Acme, being a glossy red. It is medium early, perfect form, grows large and attractive. Pkt., 5 cts.; oz., 35 cts.; ¼ lb., $1.00.

**Royal Red.** Deep scarlet, a first-class main crop variety. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., 85 cts.

**Imperial.** This variety matures very early, and maintains a good size through the season. It is of a dark pinkish-red color, and is a beautiful, symmetrical and meaty Tomato. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., 85 cts.

**Golden Queen.** A very handsome yellow Tomato; resembles the Paragon in size, solidity and productiveness. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.00.

**King Humbert.** An egg-shaped variety, grows in clusters; can be used for forcing. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., $1.00.

**Red Peach.** Resembles a peach in appearance and used for eating from the hand or making preserves. Pkt., 5 cts.; oz., 30 cts.

**PRESERVING TOMATOES.**—The following small-fruited varieties are used for making preserves, and are also quite ornamental while growing in the garden: **Pear-shaped Red, Pear-shaped Yellow, Yellow Plum, Red Cherry, Red Currant, Strawberry, or Ground Cherry.** Each at 5 cts. per pkt.; 30 cts. per oz.

"DREER'S SUPERB"
SALAD TOMATO

*Steckrübe,* GER.

# TURNIP.

*Navet,* FR. *Nabo,* SP.

**One ounce will sow 200 feet of drill, one to two pounds for an acre.**

**Culture.**—For early, sow seed of flat varieties in open ground in spring, in drills one foot or more apart, using seed sparingly. Thin to 3 or 4 inches apart. For succession sow every two weeks until June. For fall and winter sow in July and August. A good crop may often be grown by scattering seed thinly in the cornfield at last cultivation. For ruta bagas, sow seed in seed-bed in spring and transplant to good warm soil, in rows at least 2 feet apart and 8 or 10 inches apart in the rows, or sow in open ground during June and early July. Take up the roots just before winter, top and store in cool cellar, or pit outdoors.

**Purple-Top White Globe.** (See cut.) Globular shape, handsome and of superior quality, either for the table or stock. Is a heavy producer, early, and a good keeper. One of the best varieties for table use or feeding stock. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., 75 cts.

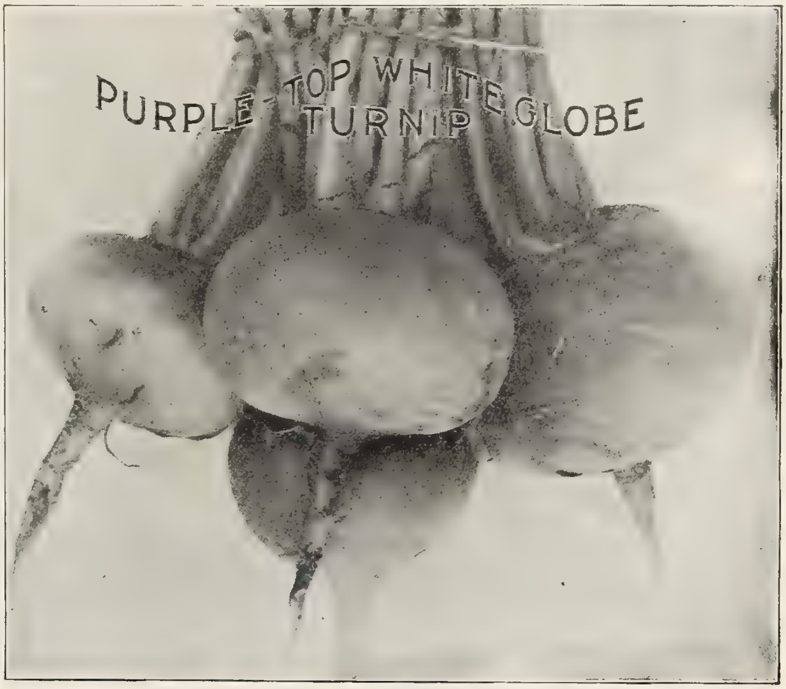
**Red or Purple-Top** (*Strap-Leaf*). This strap-leaf variety is good for early spring and fall use; top red or purple above ground, flesh fine-grained, mild flavor. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 65 cts.

**Early White Flat Dutch** (*Strap-Leaf*). This is an early white-fleshed variety, of quick growth, mild flavor. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 25 cts.; lb., 65 cts.

**Early Munich.** A very early variety, purple top, white flesh. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 30 cts.; lb., 80 cts.

**Extra Early Purple-Top Milan.** Handsome appearance, somewhat flattened, white, with purple top, flesh snow-white. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 30 cts.; lb., 80 cts.

**Extra White Milan.** Like above, but pure white. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 30 cts.; lb., 80 cts.



**Snowball.** A fine-looking, pure white variety of Turnip which matures in from six to seven weeks. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., 75 cts.

**Early White Egg.** Matures very quickly and is adapted for either spring or fall sowing. Egg-shaped and very smooth. Flesh fine-grained and very sweet. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., 75 cts.

**Large White French.** A superior variety for table or stock; flesh firm, white and solid. The roots of this variety are produced entirely under ground. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 65 cts.

**Large White Norfolk.** A large globe variety, very sweet, excellent also for stock feeding. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 65 cts.

**Long White, or Cow Horn.** Grows very quickly, partly above ground; very productive; flesh white, fine-grained and sweet; of excellent quality for family use and for stock feeding. This Turnip is also largely used for turning under as a green manure in conjunction with Crimson Clover, and is very valuable for this purpose. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 65 cts.

**Yellow Globe** (*Amber Globe*). One of the best for a general crop, flesh firm and sweet; grows to a large size, excellent for table use or feeding stock, and keeps well until late in the spring. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., 75 cts.

**Golden Ball.** A rapid grower, of excellent flavor, globe-shaped, bright yellow color, good keeper and a superior table variety or for stock. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., 75 cts.

**Yellow Aberdeen, Purple-Top.** Very hardy and productive, good keeper, globe-shaped and fine quality. The Turnips grow to a large size, and are valuable for feeding stock. Pkt., 5 cts.; oz., 15 cts., ¼ lb., 30 cts.; lb., 75 cts.

## RUTA BAGA.

**Dreer's Improved Purple-Top.** This special strain of Ruta Baga is remarkable for uniform shape and fine quality, and is also a splendid keeper. They grow to a large size; skin is smooth, and flesh a beautiful yellow color and fine-grained. The flavor is good, being very sweet and tender. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., 90 cts.

**Budlong's Improved.** White, very sweet, much milder flavor than any of the other sorts; globe-shaped; skin a cream-yellow. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., 90 cts.

**American Purple-Top.** Very hardy and productive; flesh yellow, solid, sweet; good for stock or table use. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

**Skirving's Purple-Top.** An important variety of large size and strong growth; a heavy cropper and one of the best. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.

## TOBACCO.

*Tabac,* GER. *Tabak,* FR. *Tabaco,* SP.

**One ounce of good seed is sufficient for an acre.**

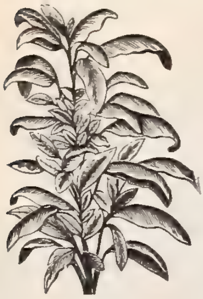
**Culture.**—Sow seed for plants early in spring in frames or seedbed, using soil well enriched with wood-ashes, etc. Transplant to open ground when weather has become warm and settled, in rows 4 feet apart, and give cultivation as for corn.

**Connecticut Seed Leaf.** One of the best varieties for cigar wrappers. Pkt., 5 cts.; oz., 25 cts.

**Pennsylvania Seed Leaf.** Has a larger and finer leaf than the Connecticut. Pkt., 5 cts.; oz., 25 cts.

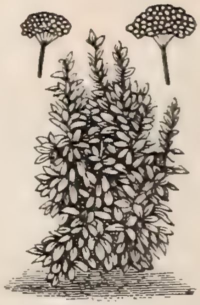
**Havana.** The seed we offer is the best Vuelta Abajo. Pkt., 10 cts.; oz., 40 cts.

**Hyco, Hester, Sterling, Long-Leaf Gooch, Yellow Prior, White Burley, Primus.** Each, per pkt., 10 cts.; oz., 30 cts.



Sage.

# Sweet, Pot and Medicinal Herbs.



Sweet Marjoram.

Every garden should contain a few herbs, as they are useful in many ways and arouse delightful memories. They can be grown as edgings to walks, and their fragrance will be distributed by the brushing of clothing against the plants while passing.

**CULTURE.**—Herbs delight in a rich, mellow soil. Sow seeds early in spring in shallow drills, 1 foot apart; when up a few inches thin out to proper distances, or transplant. They should be cut on a dry day just before they come into full blossom, tied in bunches and hung up or spread thinly on a floor where they can dry quickly. Those marked with an * are perennial.

**Anise.** For garnishing, flavoring and for cordials. Pkt., 5 cts.; oz., 10 cts.

***Balm.** Lemon-scented. Used for tea or balm wine. Pkt., 5 cts.; oz., 25 cts.

**Basil, Sweet.** Used in soups. Pkt., 5 cts.; oz., 15 cts.

**Bene.** Used medicinally. Pkt., 5 cts.; oz., 10 cts.

**Borage.** Excellent for bees. Pkt., 5 cts.; oz., 10 cts.

**Caraway.** Used in bread, etc. Pkt., 5 cts.; oz., 10 cts.

**Castor Oil Bean.** Used for medicine and ornamental bedding plants. Pkt., 5 cts.; oz., 15 cts.

***Catnip.** For medicinal purposes, and relished by cats, who roll in it with great delight. Pkt., 10 cts.; oz., 45 cts.

**Chamomile.** Used medicinally. Pkt., 10 cts.; oz., $1.00.

**Coriander.** Seeds are aromatic. Pkt., 5 cts.; oz., 10 cts.

**Cumin.** For pigeons. Pkt., 5 cts.; oz., 15 cts.

**Dill.** For Dill pickles. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.

***Fennel, Sweet.** Used in sauce. Pkt., 5 cts.; oz., 10 cts.

***Horehound.** Used for coughs. Pkt., 5 cts.; oz., 25 cts.

***Lavender.** For perfuming linen. It is not hardy and should be covered during winter. Pkt., 5 cts; oz., 20 cts.

**Marigold, Pot, Double.** For medicinal purposes. Pkt., 5 cts.; oz., 25 cts.

***Pennyroyal.** Used medicinally. Pkt., 10 cts.

***Peppermint.** For flavoring. Pkt., 25 cts.

***Rosemary.** Used for seasoning Pkt., 10 cts.; oz., 40 cts.

***Rue.** For roup in fowls. Pkt., 5 cts.; oz., 30 cts.

**Saffron.** Used for flavoring. Pkt., 5 cts.; oz., 15 cts.

***Sage.** Leaves are used for seasoning meats and stuffing fowls. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.

**Savory, Summer.** Leaves and shoots are used for flavoring. Pkt., 5 cts.; oz., 15 cts.

***Savory, Winter.** For flavoring. Pkt., 5 cts.; oz., 25 cts.

***Sweet Marjoram.** Leaves used green in summer and dried in winter for flavoring. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.

***Tansy.** For medicinal purposes. Pkt, 10 cts.; oz., 50 cts.

**Tarragon.** Plants only. See offer below.

***Thyme, Broad-leaved English.** For seasoning and poultry stuffing. Pkt., 10 cts.; oz., 50 cts.; ¼ lb., $1.50.

**Thyme, French Summer.** Used for seasoning, and attractive to bees. Pkt., 10 cts.; oz., 45 cts.; ¼ lb., $1.25.

***Wormwood.** Used medicinally and beneficial to poultry. Pkt., 5 cts.; oz., 25 cts.

# Vegetable Plants and Roots.

We grow large quantities of Vegetable Plants and roots, and can supply all the varieties listed below in their proper season. For late Cabbage, Cauliflower, Brussels Sprouts and Celery Plants see our Midsummer List, issued in June. Free on application.

**If wanted by mail, add 15 cts. per 100 for postage on CABBAGE, CAULIFLOWER and SWEET POTATO PLANTS, and 30 cts. per 100 on EGG PLANTS and TOMATO PLANTS.**

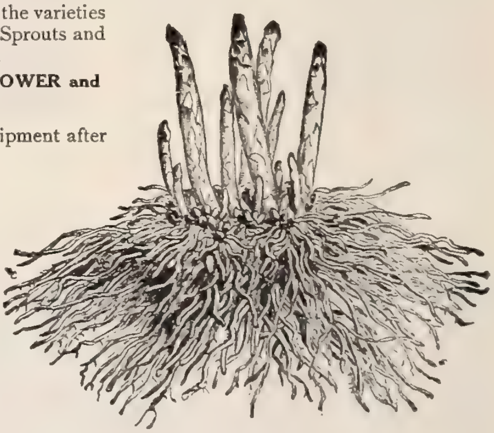
**Artichoke Plants, Dreer's Selected Large Green.** Ready for shipment after March 1st. $1.50 per doz.; $10.00 per 100.

**Asparagus Roots.** We offer strong two-year-old roots of the following varieties:

**If wanted by mail, add 50 cts. per 100 to the price of Asparagus Roots.**

**Argenteuil, Dreer's Eclipse, Barr's Mammoth, Columbian Mammoth White, Palmetto, and Conover's Colossal.** Each 75 cts. per 100; $6.00 per 1000.

**Dreer's Circular on Asparagus Culture FREE.**



Asparagus Root.

**Cabbage Plants.** For April and May delivery. Early Jersey Wakefield, Charleston Wakefield, Eureka, Early Summer. 40 cts. per 100; $3.00 per 1000.

**Cauliflower Plants.** Snowball and Selected Erfurt. From hotbed; ready April and May. 25 cts. per doz.; $1.50 per 100.

**Chamomile.** 10 cts. each; $1.00 per doz.

**Chives.** For flavoring. 10 cts. per clump; $1.00 per doz.

**Egg Plants.** Ready in May and June. Black Beauty. New York Improved Large Purple. Grown in pots, 60 cts. per doz.; $4.00 per 100.

**Hop Vine Roots.** 50 cts. per doz.; $4.00 per 100.

**Horseradish Sets, New Bohemian.** A new variety, which produces roots of enormous size and succeeds in every soil. 20 cts. per doz.; 75 cts. per 100; $6.00 per 1000. By mail, 5 cts. per doz. extra.

**Lavender.** Plants 15 cts. each; $1.50 per doz.

**Lettuce.** Ready in April and May. All Heart, Dutch Butter and Hanson. 40 cts. per 100.

**Pennyroyal.** 10 cts. each; $1.00 per doz.; $6.00 per 100.

**Peppermint.** 10 cts. each; $1.00 per. doz.; $6.00 per 100.

**Spearmint.** 10 cts. each; $1.00 per doz.; $6.00 per 100.

**Peppers.** Ready in May and June. Bell or Bullnose, Ruby King, Long Red Cayenne. 20 cts. per doz.; $1.50 per 100.

**Rhubarb Roots, Victoria.** Strong roots, 10 cts. each. $1.00 per doz.; $6.00 per 100.

**Rhubarb, Champagne.** The best extra early variety, finest flavored and very tender. 20 cts. each; $2.00 per doz.; $15.00 per 100.

**Rosemary.** 15 cts. each; $1.50 per doz.

**Sage, Holt's Mammoth.** A large-leaved variety. It spreads rapidly and never runs to seed. 10 cts. each; $1.00 per doz.

**Savory, Winter.** 25 cts. each; $2.50 per doz.

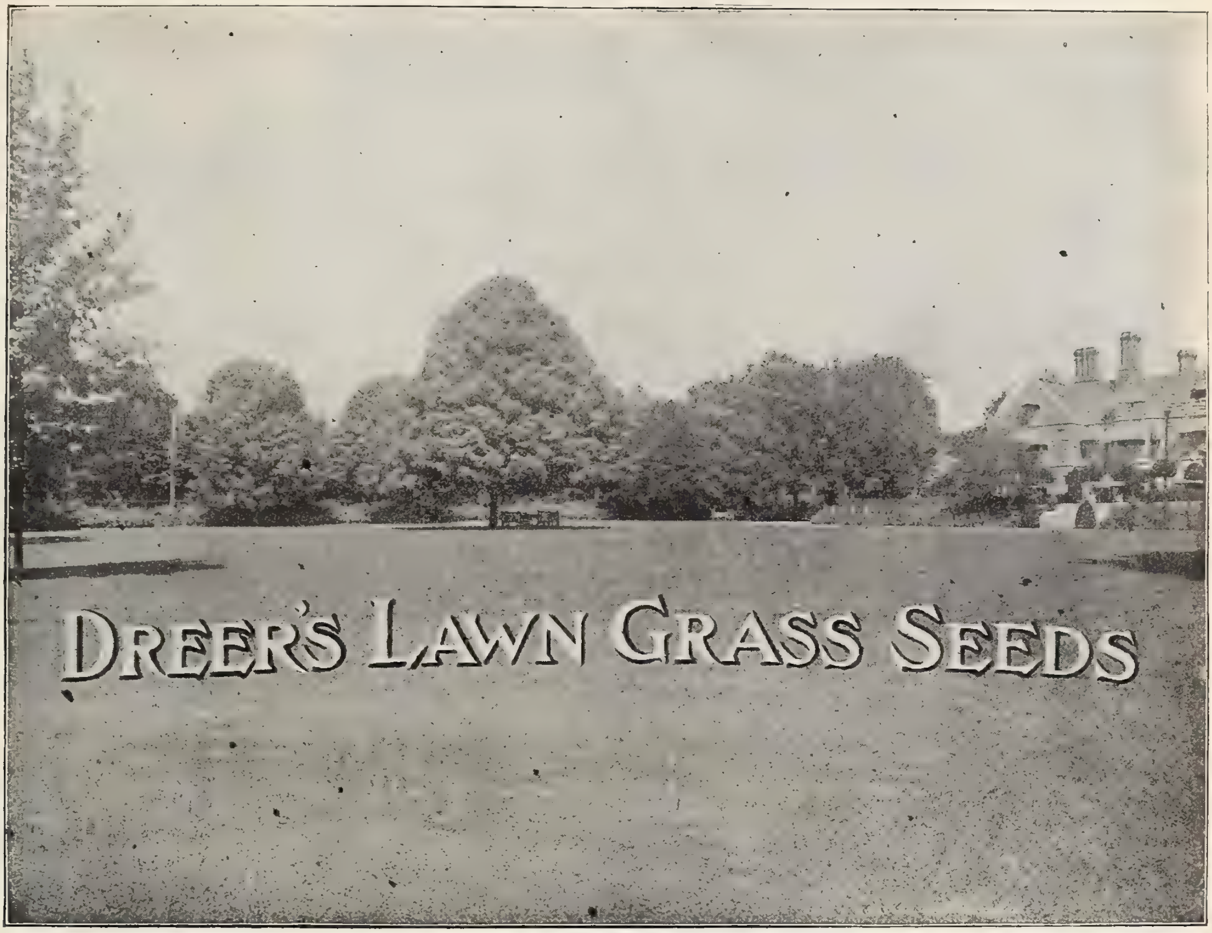
**Sweet Potato Plants.** Ready in May and June. We grow large quantities of the Red and Yellow Nansemond, and are in a position to make contracts for large lots. 40 cts. per 100; $2.50 per 1000.

**Tansy.** 10 cts. each; $1.00 per doz.

**Tarragon** (*Estragon*)). The young leaves are used for flavoring pickles, vinegar, etc. 20 cts. each; $2.00 per doz.

**Thyme, Broad-leaved English.** 10 cts. each; $1.00 per doz.

**Tomato Plants.** Ready in May and June. We make a specialty of pot-grown Tomato Plants, and can supply through the season of planting pot-grown plants of the following varieties: June Pink, Sparks' Earliana, Stone, Dwarf Stone, Ponderosa, Yellow Pear. 25 cts. per doz.; $2.00 per 100; $15.00 per 1000.



# DREER'S LAWN GRASS SEEDS

OUR special brands of Lawn Grass Seed are noted for their adaptability to various situations and soil conditions, and are now used in every section of the country. The lawns at the **Alaska-Yukon-Pacific Exposition,** held during the summer of 1909, were made with "Dreer Lawn Grass," and we were awarded a **Gold Medal** for same. Many other prizes have been awarded us for Grass seeds, including a **Gold Medal** by the **Pan-American Exposition,** held at Buffalo, N. Y., in 1901; but what is most satisfactory to us is the fact that they always give satisfactory results to our customers wherever sown.

## THE "DREER" LAWN GRASS.

This is by far the best mixture of grasses offered for the purpose of quickly producing a permanent lawn. It is prepared from our own formula, and is a careful blending of varieties adapted to producing the thick growth and velvety appearance so much sought after. Each variety of Grass in its composition is there for a special purpose; some for making strong, fibrous roots, which take hold upon the soil and keep the turf in place, others of a creeping nature quickly fill up any bare spots which may be caused by the taller sorts dying down; varieties which are useful for their color value, and also kinds that are able to withstand the beating down of excessive rains.

Whether you want to seed a small grass plot in your yard, or a lawn of more pretentious size, you should use this grass mixture. For the convenience of customers we put the seed up in various-size packages, from the single quart, which is sufficient to cover 300 square feet of ground, to such quantities as are required for seeding large lawns, where from five to six bushels of seed to the acre are required. Per quart, 25 cts. (postpaid, 30 cts.); 2 qts., 45 cts. (postpaid, 55 cts.); 4 qts., 75 cts.; peck, $1.25; bushel, $5.00.

## QUANTITY OF SEED TO SOW.

One quart of our Lawn Grass seed will sow 15x20 feet, or 300 square feet. Five to six bushels should be sown to the acre. The larger quantity gives the best results. For renovating use one-half of this quantity.

## DREER'S SHADY PLACE GRASS.

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places; for sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those that are well adapted for growing in shade. 30 cts. per qt. (35 cts. postpaid); peck, $1.50; bushel, $6.00.

## DREER'S "EVERGREEN" LAWN GRASS.

This special mixture produces beautiful and permanent lawns. It is made from our own formula, and composed of grasses which are adapted for the purpose of producing turf which retains its rich green color and velvety appearance throughout the entire summer and fall. In making up this brand we are careful to use seed that has been thoroughly re-cleaned, the light seed and chaff having been blown out. 20 cts. per qt. (25 cts. postpaid); peck, $1.00; bushel, $4.00.

## DREER'S FAIRMOUNT PARK LAWN GRASS.

This mixture is well suited for various soil conditions, giving good results even in small city grass plots, where the soil is generally stiff and heavy. It is also valuable for use on railroad embankments, terraces and exposed lawns, also for renovating old worn-out lawns and re-seeding bare places. 15 cts. per qt. (20 cts. postpaid); peck, 90 cts.; bushel, $3.50.

**Dreers's Special Grass Seed Circular** **is mailed free of charge to any who are interested. Tells how to make and care for the lawn. Write for a copy.**

DREER'S GRASS SEEDS FOR PLEASURE GROUNDS

## Dreer's Putting Green Mixture.

A careful study of the requirements for making the most substantial turf for Putting Greens developed the mixture herewith offered by us for this purpose. It has given thorough satisfaction wherever used, and produces a thick, tough, beautiful green turf. The varieties comprising this mixture are all the finest-bladed, low-growing and most hardy kinds, and will maintain their rich, velvety green color throughout the season. We also recommend this preparation for terraces, embankments and steep slopes. Per peck, $1.50; Per bushel, $6.00.

## Dreer's Golf Links Mixture.

Made from our own formula with the object of producing a turf which will stand rough usage. For Tennis Courts, Cricket Tables, Golf Links, Polo Grounds, or wherever a good sward is wanted, this seed will give perfect satisfaction. We believe that the Golf Links should be as fine as a velvety lawn, hence the need of a first-class mixture. This brand is used on the grounds of many leading Golf Links throughout the country, and has always been satisfactory in producing a strong growth of grass. Per peck, 90 cts. Per bushel, $3.50.

# DREER'S SPECIAL GRASS MIXTURE FOR HAY AND PASTURE.

**Dreer's Pasture Mixture** is prepared to meet the average need. It is made up of the Grasses best adapted for producing an abundant and nutritious food supply for stock. Its formula is based upon successful experience. For all ordinary permanent pasturage it will be found entirely satisfactory. If your fields are old and worn out, it will pay to plow up and seed again with Dreer's Permanent Pasture Mixture, after which you will soon be cutting heavy crops. You will be able to cut two good crops each year, whereas from Timothy only you can cut but one.

Sow 50 pounds to acre. In ordering, state whether for light or heavy soil, so that we can send the proper mixture to use on same. Price, per lb., 25 cts.; by mail, 33 cts.; 15-lb. bu., $3.00; 100 lbs., $17.50.

DREER'S PERMANENT PASTURE GRASS

# GRASS SEEDS FOR LAWN AND FIELD.

**Prices are f.o.b. Philadelphia, and subject to market changes.**

We make a specialty of grass and clover seeds, and send out only the varieties best adapted to this country. Our supplies are secured direct from the best seed-producing districts of both this country and Europe, and the seeds are of great reliability. We are in position to prepare mixtures of grasses according to formulas furnished by customers, and also will be glad to give any information desired concerning grasses and clovers.

**Kentucky Blue Grass, Fancy Cleaned** (*Poa Pratensis*). Also known as June Grass, Green Grass, etc. This is rated as the finest permanent pasture Grass. Especially suited to meadows and rich lands. It is the Grass of the famous and fertile limestone soils of Kentucky, and is no less a favorite all through the Northern States. A perfect lawn Grass. Sow 3 to 5 bushels per acre for lawn; 2 bushels to the acre for pasture. Lb., 30 cts.; by mail, 38 cts.; bu. (14 lbs.), $3.75; 100 lbs., $26.00.

**Canadian Blue Grass** (*Poa Compressa*). Also called flat-stemmed poa. Flat-stalked Meadow Grass; distinctly blue in color. Grows a foot or more high and yields a great weight of hay. Highly recommended for horses, cows and sheep. Thrives well on clay. Sow 30 lbs. per acre. Per lb., 25 cts.; by mail, 33 cts.; per bu. of 14 lbs., $3.00; 100 lbs., $20.00.

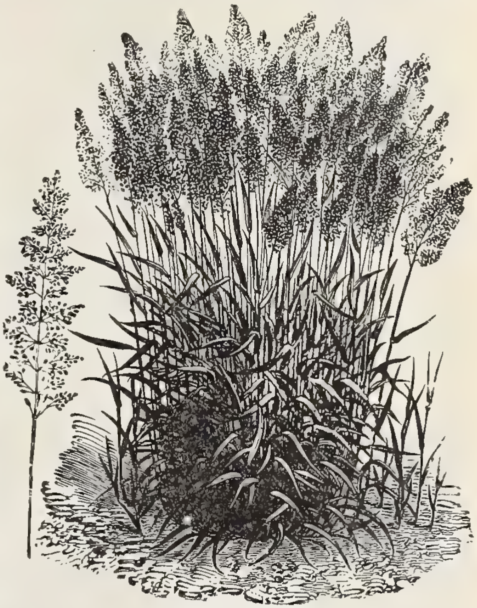
**Red-Top, or Herds Grass** (*Agrostis vulgaris*). Suitable for meadow and pasture mixtures, or for exclusive use in lawn-making. Adapts itself to any soil, but produces best results on moist, rich soils, where it grows 2 to 2½ feet high. Often sown with timothy and clover, and outlasts both. Sow 3 to 4 bushels per acre for lawns; for pasture, 1½ to 3 bushels per acre. Lb., 20 cts.; by mail, 28 cts.; per bu. (10 lbs.), $1.60; sack of 50 lbs., $7.50; 100 lbs., $14.00.

**Red-Top Grass, Extra Re-cleaned Seed.** Per lb., 25 cts.; by mail, 33 cts.; bu. (32 lbs.), $6.75; 100 lbs., $20.00.

**Orchard Grass** (*Dactylis Glomerata*). One of the most valuable of the pasture grasses; too coarse for use in lawns. Thrives in the open sunlight and in shady places under trees. In rich soil two or three crops may be had in a season, especially under irrigation. Does not suffer from close feeding; makes a good hay. Sow 3 bushels to the acre. Lb., 25 cts.; by mail, 33 cts.; bu. (14 lbs.), $3.00; 100 lbs., $20.00.

**English Rye Grass, or Perennial Rye** (*Lolium perenne*). Considered invaluable for permanent pastures in all situations not too dry. Sow 60 lbs. to the acre. Lb., 20 cts.; by mail, 28 cts.; per bu. (24 lbs.), $3.00; 100 lbs., $12.00.

**Italian Rye Grass** (*Lolium Italicum*). Valuable for pasture mixtures. 50 lbs. to the acre. Lb., 20 cts.; by mail, 28 cts.; per bu. (18 lbs.), $2.25; 100 lbs., $11.00.


KENTUCKY BLUE GRASS.

**Meadow Fescue** (*Festuca pratensis*). English Blue Grass, or Sweet Grass. An excellent Grass for permanent pasture or hay, the foliage being highly nutritious. Sow 50 lbs. to the acre. Lb., 35 cts.; by mail, 43 cts.; bu. (22 lbs.), $6.75 cts.; 100 lbs., $30.00.

**Tall Meadow Fescue** (*Festuca elatior*). Very early and nutritive; should form a part of all pasture mixtures on wet or clay lands. Per lb., 45 cts.; by mail, 53 cts.; per bu. of 14 lbs., $5.50; 100 lbs., $38.00.

**Sheep's Fescue** (*Festuca ovina*). This grass forms a large part of the pasturage of the English Downs. It produces a large quantity of short herbage, and should form a part of all mixtures for sheep pastures. 40 lbs. to the acre. Lb., 30 cts.; by mail, 38 cts.; bu. of 12 lbs., $3.00; 100 lbs., $25.00.

**Fine-leaved Sheep's Fescue** (*Festuca ovina tenuifolia*). Thrives well on dry and sterile soils; it is well suited for lawns, etc. 30 lbs. to the acre. Lb., 45 cts.; by mail, 53 cts.; bu. of 14 lbs., $5.00; 100 lbs., $35.00.

**Hard Fescue** (*Festuca duriuscula*). Thrives well in dry situations where many other grasses would fail. 30 lbs. to the acre. Lb., 30 cts.; by mail, 38 cts.; bu. (12 lbs.), $3.00; 100 lbs., $25.00.

**Red or Creeping Fescue** (*Festuca rubra*). Suitable for sandy soils and at seashore; forms a close turf and is valuable for Putting Greens, Lawns, etc. Lb., 35 cts., by mail, 43 cts.; bu. (14 lbs.), $4.25; 100 lbs., $30.00.

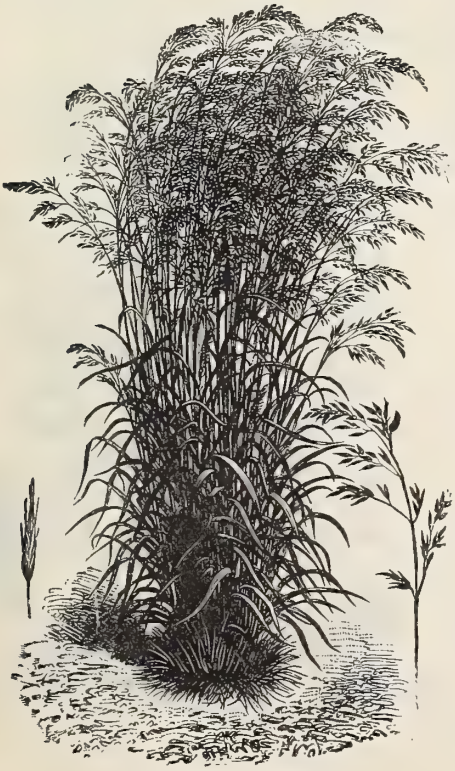
**Meadow Foxtail** (*Alopecurus pratensis*). One of the best pasture grasses. 30 lbs. to the acre. Lb., 45 cts.; by mail, 53 cts.; bu. of 7 lbs., $2.50; 100 lbs., $35.00.

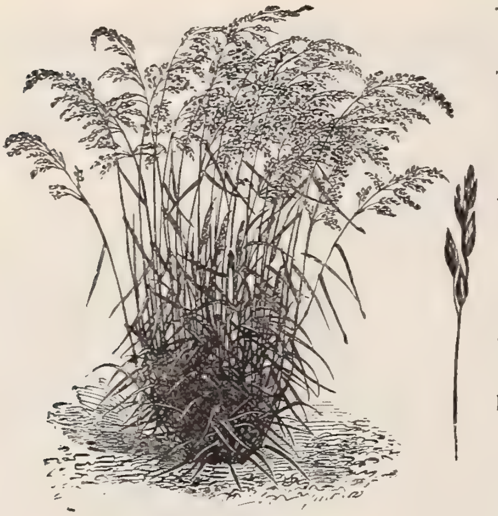
**Rough-stalked Meadow Grass** (*Poa trivialis*). Produces an abundant crop of highly nutritious herbage; valuable for either moist or dry soils. 30 lbs. to the acre. Lb., 40 cts.; by mail, 48 cts.; bu. (14 lbs.), $5.00; 100 lbs., $35.00.

**Crested Dogtail** (*Cynosurus cristatus*). For pastures and lawns. 25 lbs. to the acre. Lb., 50 cts.; by mail, 58 cts.; bu. (21 lbs.); $8.50; 100 lbs., $40.00.

**Awnless Brome Grass** (*Bromus inermis*). A valuable grass for light, dry soils, especially in the South and West. Will stand long droughts, and produce heavy crops where other grasses would fail. 35 to 40 lbs. to the acre. Lb., 20 cts.; by mail, 28 cts.; bu. (14 lbs.), $2.35; 100 lbs., $15.00.

**Bermuda Grass** (*Cynodon dactylon*). Suited only to and is valuable in the Southern States, as it will not endure frost. Sow 8 to 10 lbs. to the acre. Per lb., 75 cts.; by mail, 83 cts.; bu. (35 lbs.), $24.50; 100 lbs., $67.50.


MEADOW FESCUE GRASS.



Wood Meadow Grass.

**Tall Meadow Oat Grass** (*Avena elatior*). A valuable grass for soiling or permanent pasture; of early and luxuriant growth. 50 lbs. to the acre. Lb., 35 cts.; by mail, 43 cts.; bu. of 10 lbs., $3.00; 100 lbs., $28.00.

**Timothy** (*Phleum pratense*). The most important agricultural grass for the Middle States, thriving best upon rich soils. Not suited to permanent pasturage, but the best grass known here for hay-making purposes. It is temporary, lasting but a few years, and is a part of the usual crop rotation. Sow ½ bushel to the acre when used alone; 8 or 10 quarts if used with other grass seeds. 45 lbs. to the bushel. Write for sample and price per bushel.

**Wood Meadow Grass** (*Poa nemoralis*). Adapted, as its name implies, for wooded or shaded meadows or lawns, especially for moist ground. Much relished by cattle and highly nutritious. Produces a thick growth, and should be included in mixtures for permanent pastures. Sow 30 lbs. to the acre. Per lb., 80 cts.; by mail, 88 cts.; bu. of 14 lbs., $10.00; per 100 lbs., $70.00.

**Creeping Bent Grass** (*Agrostis stolonifera*). Excellent for lawns, succeeds well in all positions, makes a low velvety growth. Per lb., 40 cts.; by mail, 48 cts.; bu. of 20 lbs., $7.00; 100 lbs., $35.00.

**Rhode Island Bent** (*Agrostis canina*). Brown Bent or Dog's Bent. Has a creeping habit and is hardy. Recommended for lawns and pleasure grounds. It may be sown with Kentucky Blue Grass or alone. If alone use 4 bushels of seed to the acre. Lb., 45 cts.; by mail, 53 cts.; per bu. of 14 lbs., $5.75; 100 lbs., $40.00.

**Sweet Vernal Grass** (*Anthoxanthum odoratum*). True perennial. Use 2 to 5 pounds per acre. Lb., 80 cts.; by mail, 88 cts.; 10 lbs., $7.50.

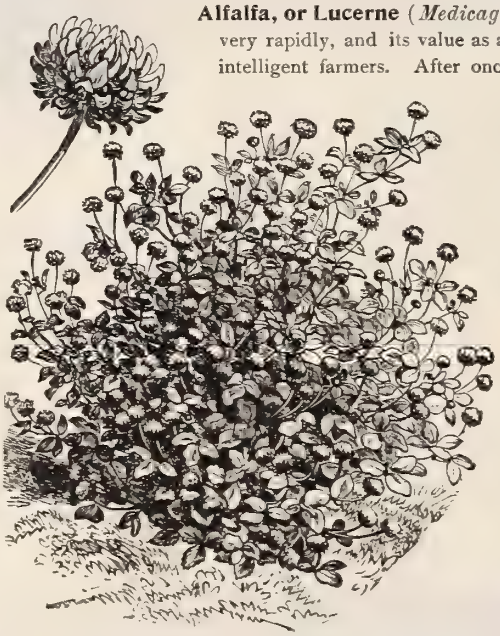
## CLOVER SEED.

**Prices subject to market changes. Prices do not include delivery. Add cost of sacks also, which is 22 cents each for two-bushel size.**

**Red Clover, Medium** (*Trifolium pratense*). Common or medium Clover; June Clover. Sow in spring or fall, if no other grasses are used, at the rate of 10 to 15 pounds to the acre. Write for price.

**Mammoth Red Clover** (*Trifolium pratense perenne*). Cow grass, or Pea Vine Clover. Valuable for reclaiming exhausted land by plowing under as green manure. Sow 10 to 15 pounds per acre. Write for price.

**Alsike, or Swedish** (*Trifolium hybridum*). Valuable for sowing with other clovers or grasses. Sow 8 pounds per acre when used alone. Lb., 30 cts.; by mail, 38 cts. Write for price per bushel.



Alsike, or Swedish Clover.

**Alfalfa, or Lucerne** (*Medicago sativa*). The use of Alfalfa Clover is increasing very rapidly, and its value as a hay and forage crop is now fully appreciated by intelligent farmers. After once established, Alfalfa will produce three to four heavy crops in a season, making a total of from three to six tons of very nutritious hay per acre, and for bringing up poor land it is one of the best of the Clovers. Sow in spring or fall at rate of 30 pounds to the acre. Lb., 30 cts.; by mail, 38 cts. Write for sample and price of our finest re-cleaned American-grown seed.

**Turkestan Alfalfa.** Imported seed, free from dodder. Lb., 30 cts.; by mail, 38 cts. Write for sample and price per bushel.

**White Dutch Clover** (*Trifolium repens*). The best variety for lawns, as it forms a close herbage and remains green throughout the season. It is also valuable when mixed with grass seeds for pasture. Sow in spring at the rate of 8 pounds per acre when sown alone, half the quantity when sown with other grasses. Lb., 40 cts.; by mail, 48 cts.; bu., 60 lbs., $21.00; 100 lbs., $35.00.

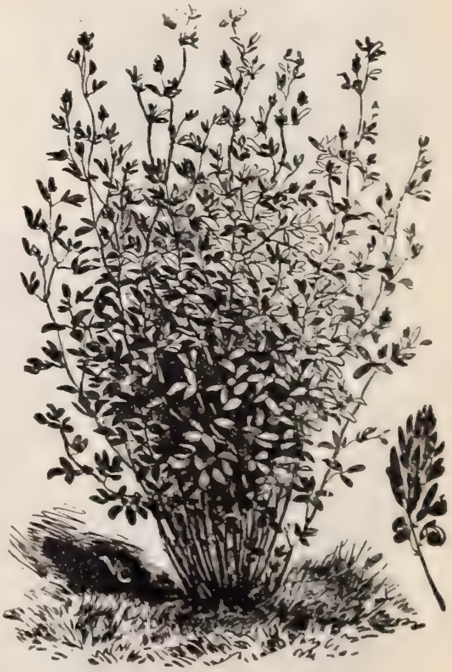
**Bokhara, or Sweet Clover** (*Melilotus alba*). A tall, rapid-growing, white-flowered sort, excellent for bee food. Lb., 30 cts.; by mail, 38 cts.

**Yellow Trefoil** (*Medicago lupulina*). Requires about same treatment as Red Clover. 15 pounds to the acre. Lb., 30 cts.; by mail, 38 cts.; 100 lbs., $25.00.

**Japan Clover** (*Lespedeza striata*). A low-branching Clover that thrives on poor land, but not adapted to northern climate. Sow 14 pounds to the acre. Lb., 35 cts.; by mail, 43 cts.; 100 lbs., $30.00.

**Sainfoin, Esparsette, or Holy Clover** (*Onobrychis sativa*). A valuable Clover for the Southern and Western States. 100 pounds to the acre. Lb., 15 cts.; by mail, 23 cts.; bu., 20 lbs., $2.50; 100 lbs., $12.00.

**Crimson, or Scarlet Clover**. It can be seeded at any time from June to October, at the rate of 15 to 20 pounds per acre, and makes the earliest possible spring pasture. It is also an excellent crop for turning under as a fertilizer. Lb., 25 cts.; by mail, 33 cts. For larger quantities write for sample and price.



Alfalfa, or Lucerne Clover.

DREER'S RELIABLE FARM SEEDS

**FARM SEEDS ARE SENT BY FREIGHT OR EXPRESS at customer's expense. We pack carefully and deliver to transportation company here, and always make shipment via best and quickest route.**

**PRICES ON ALL FARM SEEDS ARE SUBJECT TO MARKET CHANGES.**

## YELLOW FIELD CORN.

**Sow 8 quarts to the acre early in May.**

**Eureka Yellow Dent.** (See cut.) This magnificent Early Yellow Dent Corn is a cross between the large Yellow Dent and Chester County Mammoth, both well-known varieties. It matures early and is safe to plant as far north as Trenton, N. J., and produces immense crops. The ears measure from 12 to 14 inches in length, and contain from 18 to 22 rows of beautiful yellow grains. This variety produced 80 bushels to the acre in 1904, on the farm of the originator in New Jersey, and has made even larger yields than this. Qt., 25 cts. (postpaid, 40 cts.); peck, 75 cts.; bu., $2.25.

**Pedrick Perfected Golden Beauty.** A strain of Golden Beauty obtained by careful selection. In the preparation of this Corn for seed each ear is carefully selected and the end grains discarded. It is far superior in every way to the original Golden Beauty. The ears contain from 10 to 14 rows of extremely large, broad grains, which are of a rich golden-yellow color, and the cob is very small; ears are well filled out, even to the extreme end of the cob. Qt., 25 cts. (postpaid, 40 cts.); peck, 80 cts.; bu., $2.50.

**Early Yellow Canada.** A ninety-day Corn, used principally in this latitude for replanting. Qt., 20 cts. (postpaid, 35 cts.); peck, 70 cts.; bu., $2.00.

**Leaming Gourd Seed.** A good early variety, deep yellow grains, small cob. Qt., 20 cts. (postpaid, 35 cts.); peck, 70 cts.; bu., $2.00.

**Early 100-day Bristol.** The earliest of the large Yellow Dent varieties; grain light yellow, large, broad and deep. Qt., 20 cts. (postpaid, 35 cts.); peck, 70 cts.; bu., $2.00.

**Early Mastodon Dent.** An early, strong-growing yellow Corn, with large ears and grain. Qt., 25 cts. (postpaid, 40 cts.); peck, 75 cts.; bu., $2.25.

**Cloud's Yellow Dent.** Strong and vigorous, growing from 8 to 12 feet high, producing large, handsome ears, with unusually deep grains. Qt., 20 cts. (postpaid, 35 cts.); peck, 70 cts.; bu., $2.00.

## WHITE FIELD CORN.

**Hickory King.** A prolific white variety; cob remarkably small, grains large and broad. Qt., 25 cts. (postpaid, 40 cts.); peck, 80 cts.; bu., $2.50.

**ENSILAGE CORN** (See page 52).

EUREKA YELLOW DENT CORN

HARVESTING STORM KING OATS

**Prices on all Farm Seeds subject to market changes.**

## ENSILAGE CORN.

Sow 1¼ to 1½ bushels per acre. Special prices to buyers of large quantities.

**Red-Cob Ensilage.** A pure white Corn on a red cob. It is sweet, tender, juicy, has short joints and produces an abundance of foliage. Every dairy farmer should grow this sort; it will produce very large crops. Qt., 20 cts. (postpaid, 35 cts.); peck, 70 cts.; bu., $2.00.

**Blount's Prolific White.** This variety bears 4 to 6 ears per stalk; grain plump and white. It is very productive. Qt , 25 cts. (postpaid, 40 cts.); peck, 75 cts.; bu., $2.25.

**Southern Fodder, Sheeptooth.** Grows 12 to 16 feet high; has broad foliage and tender stalks. Will keep up the flow of milk during hot weather when the grass is burnt up. Grains narrow and white. Qt., 20 cts. (postpaid, 35 cts.); peck, 70 cts.; bu., $2.00.

**Sweet Fodder Corn.** For soiling or ensilage. Sow broadcast 2 bushels, or in drills 3 feet apart, 1 bushel per acre. Write for price.

## BARLEY.

Sow 1¼ to 2 bushels if drilled; 2 to 2½ bushels broadcast.

**Manshurey.** Productive and best variety. Ripens early, with strong, stiff straw. Peck, 75 cts.; bu., $2.00.

## BUCKWHEAT.

Sow about the middle of June, broadcast, from 2 to 3 pecks per acre.

**Japanese.** This superior variety is earlier and more prolific and yields double the weight per acre of other sorts. The grains are nearly twice as large as those of Silver Hull, and of fine color. This variety is always in demand, the millers preferring it to all other sorts, as it makes the finest flour. Peck, 50 cts.; bu. (48 lbs.), $1.60.

## SUNFLOWER.

**Mammoth Russian.** May be grown to great advantage in waste ground. An excellent and cheap food for fowls. All farmers should plant this, if only for feeding chickens. It is enormously productive of seed, as the heads grow to a large size, sometimes measuring as much as 18 inches in diameter, and are full of seed. It can be planted any time from early spring until the end of June. Plant 4 quarts to acre. Lb., 10 cts.; by mail, 18 cts.; peck, 50 cts.; bu. (25 lbs.), $2.00 100 lbs., $7.00.

## OATS.

Sold at standard weight of 32 lbs. to the bushel. Special prices to buyers of large quantities. Sow 2½ bushels to the acre.

**Storm King.** (See cut.) The seed of this grand new variety was originally imported, but has been grown for several years in this country by the party from whom we have secured our supply, and is now thoroughly acclimated. It makes a strong growth of straw, with large, well-filled heads, which have a tendency to be one-sided. Grains are white, large and heavy, presenting a fine appearance. "Storm King" made a yield of from 60 to 70 bushels per acre this year, and we recommend it to every farmer who desires a thoroughly reliable and profitable variety. Peck, 75 cts.; bu. (32 lbs.), $2.00; 5 bushels or over, $1.90 per bushel.

**White Tartar.** Handsome and perfect white Oats; extremely early and an enormous cropper. It will do well on any good farm land and prove very profitable. The straw is long, very strong and holds up well. The heads are large and well filled. Peck, 50 cts.; bu. (32 lbs.), $1.60; 5 bushels or over, $1.50 per bushel.

**White Maine.** This fine variety is grown with much favor in Western New York and elsewhere. It yields extremely large crops. Peck, 40 cts.; bu. (32 lbs.), $1.30; 5 bushels or over at $1.25 per bushel.

**Lincoln.** This variety is one of the most productive; is very early; stiff straw, heavy and handsome grain. Peck, 40 cts.; bu. (32 lbs.), $1.30; 5 bushels or over at $1.25 per bushel

**Welcome.** An excellent variety, productive and heavy; straw stiff, grain plump. Peck, 40 cts.; bu. (32 lbs.), $1.30; 5 bushels or over at $1.25 per bushel.

## SPRING WHEAT.

**Saskatchewan Fife.** Very productive. Peck, 85 cts.; bu., $2.75.

## SPRING RYE.

Used as a catch crop to sow where winter grain has failed. Peck, 60 cts.; bu., $2.00; 5 bushels and upwards, $1.90 per bushel.

# FIELD, FORAGE AND SILO SEEDS.

**Prices of all Farm Seeds are f.o.b. Philadelphia, and subject to market changes.**

## PEAS FOR FODDER AND GREEN MANURING.

**Canada Field Peas.** Valuable for Northern climates for cattle feeding. Used as feed for pigeons, etc., and for green soiling. Sow $1\frac{1}{2}$ bu. per acre with $\frac{1}{2}$ bu. of oats. Qt., 15 cts. (postpaid, 30 cts.); peck, 75 cts.; bu., $2.50.

**Southern Black=Eye Cow Peas.** Also known as Sand Pea, a small, white variety with black eye. Sow 2 bushels to the acre. Qt., 20 cts. (postpaid, 35 cts,); peck, $1.10; bu., $4.00.

**New Era Cow Peas.** Extra early, and one of the most valuable for planting in the North and West. Qt., 20 cts. (postpaid, 35 cts ); peck, $1.00; bu., $3.75.

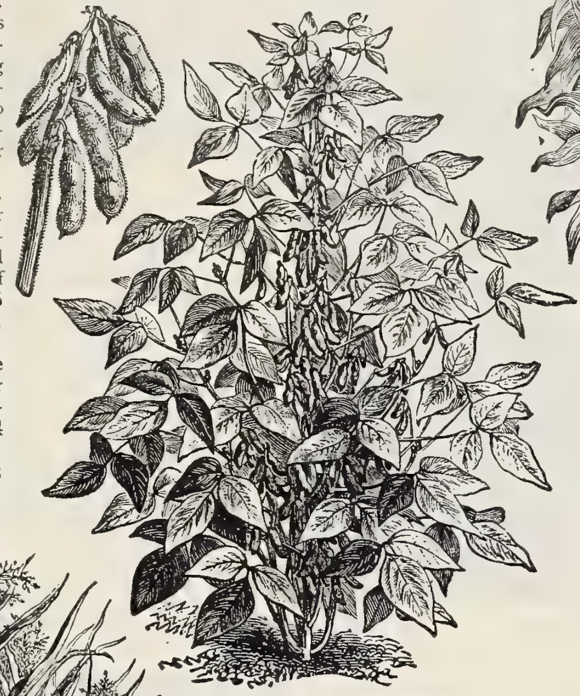
**Whip=poor=will Cow Peas.** An early variety; grows upright and vigorous; crop is easy to harvest, Qt., 20 cts. (postpaid, 35 cts.); peck, 90 cts.; bu., $3.50.

**Clay Cow Peas.** A valuable sort both for green manure, forage and hay crop, Sow 2 bushels to acre. Qt., 20 cts. (postpaid, 35 cts.); peck, 90 cts.; bu., $3.50.

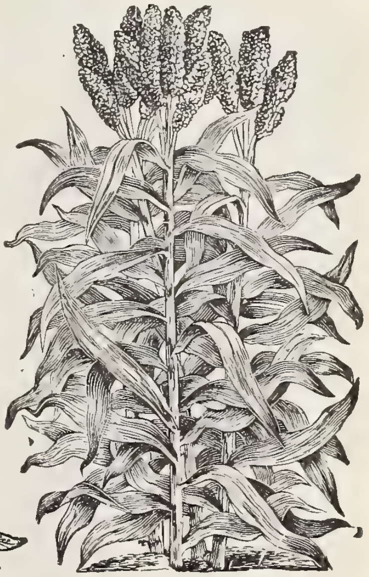
**Soja Bean** (*Soja Hispida*). Valuable in the Southern States as a forage crop and for fertilizing, also for pasturing, feeding as green fodder and for silo purposes. Plant one-half bushel to the acre. Lb., 10 cts. (postpaid, 18 cts.). By express, per peck, 95 cts.; per bu., $3.50

**Early Soja, or Soy Bean.** (See cut.) The best variety for planting in Northern and Eastern States. Ripens early and produces an enormous crop of both vines and pods. Lb., 15 cts. (postpaid, 23 cts.); peck, $1.15; bu., $4.00.

**Kaffir Corn** (*Red*). (See cut.) Excellent forage for horses and cattle, and excellent feed for poultry. Use 4 to 5 pounds per acre. Lb., 15 cts. (postpaid, 23 cts.); bu. (60 lbs.), $3.75; 100 lbs., $6.00.



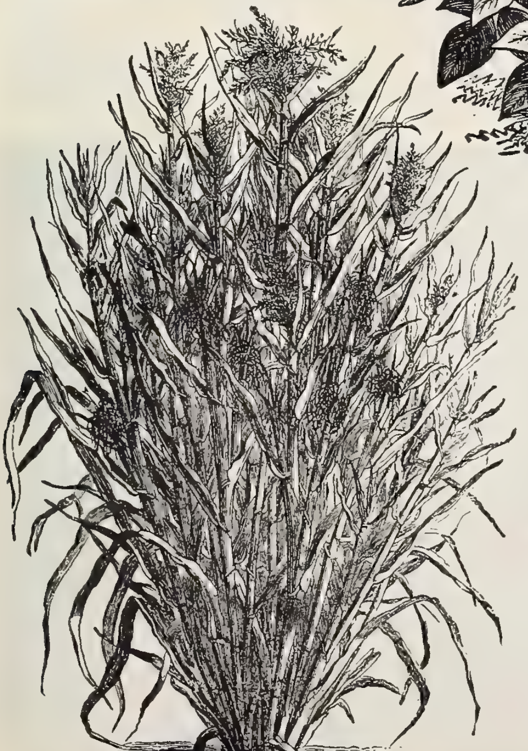
Early Soja, or Soy Beans.



Kaffir Corn

**Broom Corn** (*Improved Evergreen*). Exclusively grown on account of the color and quality of its brush, which is long, fine and straight, and always green; grows 7 feet high. The best kind for making brooms. Use 10 lbs. to an acre. Lb., 10 cts. (postpaid, 18 cts.); bu. (46 lbs.), $3.00; 100 lbs., $6.00.

**Yellow Lupin** (*Lupinus Luteus*). Botanically related to the peas, but less hardy. Sow May to July, 2 bushels to acre. Useful for green manuring. Lb., 15 cts. (postpaid, 23 cts.); per bu. of 60 lbs., $4.50; 100 lbs., $7.00.



Teosinte, a Wonderful Fodder Plant.

**Velvet Bean** (*Delichos Multiflorus*). Largely grown in the South and used as a fertilizing plant for turning under. Both vines and pods are eaten by live stock, and the beans can be ground either with or without the pods, and fed instead of corn or oats, or can be mixed with them. Sow 1 bushel to acre. Lb., 10 cts. (postpaid, 18 cts.). By freight or express, per peck, $1.50; per bu., $5.00.

**Teosinte** (*Reana Luxurians*). (See cut.) Excellent for stock feeding, either green during summer or dry during winter, and more nutritious and better liked than corn fodder by stock of all kinds. Grows to perfection in this latitude, supplying an immense amount of fodder, but will not produce seed. Sow in May or June, in drills about four feet apart, using 3 pounds of seed per acre. Per oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 75 cts., postpaid; 5 lbs. or over, by express, 60 cts. per lb.

**Spring Vetches, or Tares** (*Vicia Sativa*). Highly valuable for soiling or for green manuring. Sometimes grown with oats, for mowing and feeding to stock. Use 2 to 3 bushels to acre broadcast, or 1 to 2 bushels in drills. Lb., 10 cts. (postpaid, 18 cts ); bu. of 60 lbs., write for price.

**Winter Vetches, or Tares** (*Vicia Villosa*). Also called Sand Vetch, or Hairy Vetch. Recommended for fall sowing with rye, which serves as a support. It is perfectly hardy in all parts of the country, remaining green all winter and maturing fully four weeks earlier than Scarlet Clover; it can, therefore, be harvested or plowed under, and the ground used for the usual spring crop. Sow 1 bushel of the seed per acre, together with one-half bushel of rye. Price per lb., 15 cts. (postpaid, 23 cts.); bu. (60 lbs.), write for price.

# FIELD, FORAGE AND SILO SEEDS.

**Prices of all Farm Seeds are f.o.b. Philadelphia and subject to market changes.**

GERMAN, OR GOLDEN MILLET

**Dwarf Essex Rape.** (See cut.) A forage plant of highest value. It can be sown in April for an early crop, and for fall crop in July, August and September, and still later further south; it is sown broadcast 10 lbs. to the acre, but it is better drilled, in which case 5 lbs. to the acre will suffice. In a few weeks from the time of sowing, sheep, hogs or cattle can be turned upon it; all reports agree that they gain weight faster on this than any other fodder, as it can be sown after other crops are off; the gain in fodder is secured at a nominal cost. Stockmen, Dairymen and Farmers have proved its value. Per lb., 10 cts.; by mail, 18 cts.; 10 lbs., 90 cts.; bushel of 50 lbs., $4.25; 100 lbs., $8.00.

## BIRD SEEDS.

Prices variable. If wanted by mail, add 8 cts. per lb. for postage.

**Canary.** Best re-cleaned seed, per lb., 10 cts.; ½ peck, 50 cts.; peck, 85 cts.; bu. (60 lbs.), $3.25.

**Hemp.** Lb., 10 cts.; ½ peck, 30 cts.; peck., 60 cts.; bu. (40 lbs.), $2.25.

**French Bird Millet.** Lb., 15 cts.; ½ peck, 70 cts ; peck, $1.25.

**German Rape.** Lb., 10 cts.; ½ peck, 50 cts.; peck, 90 cts.; bu. (50 lbs.), $3.50.

**Vetches for Pigeons.** Lb., 10 cts.; peck, 85 cts ; bu. (60 lbs.), $3.00.

**Mixed Bird Seed.** Lb., 10 cts.; ½ peck, 55 cts.; peck, 90 cts.; bu. (60 lbs.), $3.50.

**Lettuce.** Oz., 5 cts.; lb., 25 cts. | **Maw.** Lb., 20 cts.

**Unhulled Rice.** Lb., 15 cts.; ½ peck, 60 cts.; peck, $1.00.

**Sunflower.** Lb., 10 cts., ½ peck, 30 cts.; peck, 50 cts.; bu. (25 lbs.), $2.00.

## MILLET.

**German, or Golden Millet** (*Southern-grown*). (See cut.) A valuable annual hay and fodder crop, more productive and coarser than Hungarian Grass, medium early, 4 to 5 feet high. Sow 1 bushel to the acre. Lb., 10 cts.; by mail, 18 cts.; bu. (50 lbs.), write for price.

**Hungarian Millet** (*Panicum Germanicum*). An annua forage plant, early and productive, growing 2 to 3 feet high with an abundance of foliage, often yielding 2 to 3 tons pe acre. Sow 1 bushel to the acre. Lb., 10 cts.; by mail, 18 cts.; bu. (48 lbs.), write for price.

**Egyptian, or East India Pearl Millet** (*Penicillaria spicata*). Grows from 8 to 10 feet high. When cultivated for fodder, sow in drills 3 feet apart, and thin out in rows to 1 foot apart. Sow 5 pounds per acre in drills three feet apart. Lb., 12 cts.; by mail, 20 cts.; bu. (50 lbs.), $5.00.

**Japanese Barn-yard Millet** (*Panicum Crus-galli*). An excellent fodder plant; grows 6 to 8 feet high, and is more tender than most tall varieties of Millet. Should be sown between middle of May and end of July, either broadcast or in drills; if broadcast, use 12 lbs. to acre, if drilled, 8 lbs. Can be fed green, cured as hay, or siloed. Lb., 12 cts. (postpaid, 20 cts.); 10 lbs., $1.00; 100 lbs., $9.00.

**Sorghum, or Early Amber Sugar-Cane.** This is the sorghum of the Northern States; makes the finest quality of syrup. The earliest and most productive variety. Height 10 to 12 feet. For ensilage or fodder it possesses good qualities; stock of all kinds relish it. Sow 5 lbs. in drills, or 1½ bushels broadcast to acre. Per lb., 12 cts.; by mail, 20 cts.; bu. (56 lbs.), $3.75; 100 lbs., $6.00.

**Johnson Grass, or Sorghum Halepense.** A valuable Southern fodder plant, growing 30 inches or more in height; hardy in New Jersey. It is a rapid-growing perennial. On rich soil it may be cut three or four times in a season. Best results are obtained by sowing seed in August or September, 25 to 35 pounds to the acre. Per lb., 25 cts.; by mail, 33 cts.; bu. (25 lbs.), $5.50; 100 lbs., $20.00.

**Yellow Milo Maize.** A valuable forage plant. Use 4 to 5 lbs. to acre. Lb., 10 cts. (postpaid, 18 cts.); 10 lbs., 80 cts.; 100 lbs., $7.00.

**Flax.** When grown for seed, sow 1 bushel per acre; if fibre is wanted, sow at the rate of 2 to 3 bushels. The soil should be well cultivated. Per lb., 10 cts. (postpaid, 18 cts.); peck, 90 cts.; bu., $3.25.

Dwarf Essex Rape, Second Growth. One Plant.

# FLOWER SEED Department

A Border of Pink Geraniums Edged with Sweet Alyssum.

We give close attention to this department, which is probably the largest in quantity and variety in this country, over one thousand species and varieties being offered.

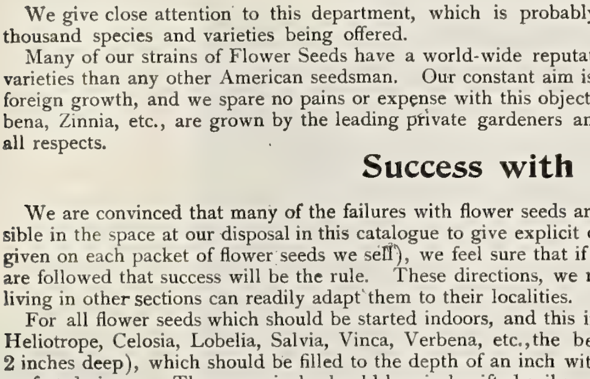
Many of our strains of Flower Seeds have a world-wide reputation, and we grow and save on our own grounds at Riverton more varieties than any other American seedsman. Our constant aim is to secure the very best strains obtainable, both of home and foreign growth, and we spare no pains or expense with this object in view. Our strains of Asters, Carnations, Pansy, Petunia, Verbena, Zinnia, etc., are grown by the leading private gardeners and commercial florists, and are acknowledged to be superior in all respects.

## Success with Flower Seeds.

We are convinced that many of the failures with flower seeds are due to lack of proper conditions; and while it would be impossible in the space at our disposal in this catalogue to give explicit directions for each and every variety which we offer (but which is given on each packet of flower seeds we sell), we feel sure that if the general directions given on this and the following two pages are followed that success will be the rule. These directions, we may say, are written for the latitude of Philadelphia. Customers living in other sections can readily adapt them to their localities.

For all flower seeds which should be started indoors, and this includes many of our best and brightest summer flowers, such as Heliotrope, Celosia, Lobelia, Salvia, Vinca, Verbena, etc., the best plan is to sow in earthenware seed pans, pots or boxes (about 2 inches deep), which should be filled to the depth of an inch with broken pots, coal-ashes, or any rough material that will furnish perfect drainage. The upper inch should be nicely sifted soil, composed, if possible, of about one-third each sand, leaf mould and light garden loam. Press firm and evenly, and water thoroughly the day before sowing. Sow the seeds thinly over the surface, covering about one-eighth of an inch and pressing firmly; cover with a pane of glass or one or two thicknesses of newspaper, to prevent the too rapid evaporation of the moisture, and keep in a temperature between 60° and 70°. Water carefully as needed. The importance of uniform attention to this detail is one that can only be learned by experience and observation. To omit a single watering, or too frequent, indiscriminate watering, usually leads to failure. Remove the glass or covering after the seeds have germinated, and when the seedlings are large enough to handle they should be transplanted into similarly prepared boxes an inch apart each way, or put into small pots and kept in same until time to plant out in the open ground. At all times they should have an abundance of air; otherwise the young seedlings are liable to "damp off."

For most of the ordinary annual flowers, such as Sweet Alyssum, Calliopsis, Calendula, Marigold, Mignonette, Nasturtium, etc., the simplest method is to sow directly out of doors when danger of frost is past in the space where they are intended to flower. The ground should be dug and raked fine on the surface, sowing the seeds evenly and thinly, either in lines or beds, covering not over four times their size, and firming the soil over them. Should they come up too thickly, as most of them are likely to do, thin out so that the plants will stand from 4 to 12 inches apart, according to the variety. This plan is also adapted to many varieties usually started indoors, including Asters, Verbenas, Celosias, Stocks, Salvia, etc., etc.; but as a rule their germination is more certain under glass, and as they begin to flower so much earlier when started indoors, the extra trouble is well repaid for by their increased blooming period.



A Cold-frame With Lath Shade, the Way we Germinate Flower Seeds in Summer.

We commend to the careful attention of our customers the articles on the succeeding pages on

**How to Grow Annuals,** by Prof. L. H. Bailey, of Cornell University, and which appeared in the May, 1903, number of *Country Life in America*, and

**How to Grow Perennials from Seed,** written expressly for this book by Wm. Falconer, of Pittsburg.

# Annuals, and How to Grow Them.

By Professor L. H. Bailey, of Cornell University.

**This article appeared in May, 1903, Country Life in America, and is printed by permission.**

Annual plants are those that you must sow every year. The staid perennials I want for the main and permanent effects in my garden, but I could no more do without annuals than I could do without the spices and the condiments at the table.

Of the kinds of annuals there is almost no end. This does not mean that all are equally good. For myself I like to make the bold effects with a few of the old profuse and reliable kinds. I like whole masses and clouds of them. Then the other kinds I like to grow in smaller areas at one side, in a half experimental way. There is no need of trying to grow equal quantities of all the kinds that you select. There is no emphasis and no modulation in such a scheme. There should be major and minor keys.

The minor keys may be of almost any kind of plant. Since these plants are semi-experimental, it does not matter if some of them fail outright. Why not begin the list at A and buy as many as you can afford and accommodate this year, then continue the list next year? In five or ten years you will have grown the alphabet, and will have learned as much horticulture and botany as most persons learn in a college course. And some of these plants will become your permanent friends.

For the main and bold effects I want something that I can depend on. There I do not want to experiment. Never fill a conspicuous place with a kind of plant you have never grown.

The kinds I like best are the ones easiest to grow. Zinnia, Petunia, Marigold, Four O'Clock, Sunflower, Phlox, Scabiosa, Sweet Sultan, Bachelor's Button, Verbena, Calendula, Calliopsis, Morning-glory, Nasturtium, Sweet Pea,—these are some of the kinds that are surest. I do not know where the investment of five cents will bring as great reward as in a packet of seeds of any of these plants.

Before one sets out to grow these or any other plants, he must make for himself an ideal. Will he grow for a garden effect, or for specimen plants or specimen blooms? If for specimens, then each plant must have plenty of room and receive particular individual care. If for garden effect, then see to it that the entire space is solidly covered, and that you have a continuous blaze of color. Usually the specimen plants would best be grown in a side garden, as vegetables are, where they can be tilled, trained and severally cared for.

There is really a third ideal, and I hope that some of you may try it,—to grow all the varieties of one species. You really do not know what the China Aster or the Balsam is until you have seen all the kinds of it. Suppose that you ask your seedsman to send you one packet of every variety of Cockscomb that he has. Next year you may want to try Stocks or annual Poppies, or something else. All this will be a study in evolution.

There is still a fourth ideal,—the growing for gathering or "picking." If you want many flowers for house decoration and to give away, then grow them at one side in regular rows as you would potatoes or sweet corn. Harvest them in the same spirit that you would harvest string beans or tomatoes: that is what they are for. You do not have to consider the "looks" of your garden. You will not be afraid to pick them. When you have harvested an armful your garden is not despoiled.

I like each plant in its season. China Aster is a fall flower. In early summer I want Pansies or Candytufts and other early or quick bloomers. For the small amateur garden greenhouses and hotbeds are unnecessary, and they are usually in the way. There are enough kinds of annuals that may be sown directly in the open ground, even in New York, to fill any garden All those I have mentioned are such. I should get early effects with kinds of plants that naturally are early. Let everything have its season. Do not try to telescope the months.

Four O'Clocks, or Marvel of Peru in a Fence.

I have sown China Asters in the open ground in early June, in New York State, and have excellent fall bloom. Things come up quickly and grow rapidly in May and June. They hurry. The spring bloom you are not to expect from annuals. That you are to get from perennials,—the spring bulbs, soft bleeding-hearts, spicy pinks, bright-eyed polyanthuses and twenty more.

Make the soil rich and fine and soft and deep, just as you would for radishes or onions. There are some plants for which the soil can be made too rich, of course, but most persons do not err in this direction. The finer and more broken down the manure the better, Spade it in. Mix it thoroughly with the soil. If the soil is clay-like, see that fine manure is thoroughly mixed with the surface layer to prevent "baking."

Watering is an exacting labor, and yet half of it is usually unnecessary. The reasons why it is unnecessary are two: The soil is so shallowy prepared that the roots do not strike deep enough; we waste the moisture by allowing the soil to become hard, thereby setting up capillary connection with the atmosphere and letting the water escape. Mulch it so that the water will not evaporate. Mulch it with a garden rake by keeping the soil loose and dry on top. This loose dry soil is the mulch. There will be moisture underneath. Save water rather than add it. Then when you do have to water the plants, go at it as if you meant it. Wet the soil clear through. Wet it at dusk or in cloudy weather. Before the hot sun strikes it renew your mulch, or supply a mulch of fine litter. More plants are spoiled by sprinkling than by drought. The less your space the fewer the kinds you should plant. Have enough of each kind to be worth the while and the effort. It is more trouble to raise one plant than a dozen.

It is usually best not to try to make formal "designs" with annuals. Such designs are special things, anyway, and should be used sparingly and be made only by persons who are skilled in such work. A poor or unsuccessful design is the sorriest failure a garden can have.

This brings up a discussion of the proper place to put annuals. Do not put them in the lawn,—you want grass there. Supposing that you grow the annuals for garden effect, there are two ways of disposing them,—to grow in beds or in borders. The border method is more informal, and therefore the simpler and easier.

Its pictorial effect is usually greater. But in some places there are no boundary lines that can be used for borders. Then beds may be used; but make the beds so large and fill them so full that they will not appear to be mere play-patches. Long beds are usually best. Four or five feet wide is about the limit of ease in working in them. The more elaborate the shape of the bed, the more time you will consume on keeping the geometry straight and the less on having fun with the plants.

It is surprising how many things one can grow in an old fence. The Four-o'clocks (see cut) illustrate this point. Most persons owning this place would think that they had no room for flowers; yet there the Four-o'clocks are, and they take up no room. Not all annuals will thrive under such conditions of partial neglect. The large-seeded, quick-germinating, rapid-growing kinds will do best. Sunflower, Sweet Pea, Morning Glory, Japanese Hop, Zinnia, Marigold, Amaranths, are some of the kinds that may be expected to hold their own.

First and last, I have grown practically every annual offered in the American trade. It is surprising how few of the uncommon or little-known sorts really have great merit for general purposes. There is nothing yet to take the place of the old-time groups, such as Amaranths, Zinnias, Calendulas, Daturas,

# Annuals, and How to Grow Them—*Continued.*

Balsams, Annual Pinks, Candytufts, Bachelor's Buttons, Wallflowers, Larkspurs, Petunias, Gaillardias, Snapdragons, Cockscombs, Lobelias, Coreopsis or Calliopsis, California Poppies, Four-o'clocks, Sweet Sultans, Phloxes, Mignonettes, Scabiosas, Nasturtiums, Marigolds, China Asters, Salpiglossis, Nicotianas, Pansies, Portulacas, Castor Beans, Poppies, Sunflowers, Verbenas, Stocks, Alyssums, and such good old running plants as Scarlet Runners, Sweet Peas, Convolvuluses, Ipomeas, Nasturtiums, Balloon Vines, Cobæas. Of the annual vines of recent introduction, the Japanese Hop has at once taken a prominent place for the covering of fences and arbors.

For bold mass-displays of color in the rear parts of the grounds or along the borders, some of the coarser species are desirable. My own favorites for such use are: Sunflower and Castor Bean for the back rows; Zinnias for bright effects in the scarlets and lilacs; African Marigolds for brilliant yellows; Nicotianas for whites. Unfortunately, we have no robust-growing annuals with good blues. Some of the Larkspurs are perhaps the nearest approach to it.

For lower-growing and less gross mass-displays, the following are good: California Poppies for oranges and yellows; Sweet Sultans for purples, whites and pale yellows; Petunias for purples, violets and whites; Larkspurs for blues and violets; Bachelor's Buttons (or Cornflowers) for blues; Calliopsis and Coreopsis and Calendulas for yellows; Gaillardias for red-yellows; China Asters for many colors.

For still less robustness, good mass-displays can be made with the following: Alyssums and Candytufts for whites; Phloxes for whites and various pinks and reds; Lobelias and Browallias for blues; Pinks for whites and various shades of pink; Stocks for whites and reds; Wallflowers for brown-yellows; Verbenas for many colors.

I should never consider a garden of pleasant annual flowers to be complete that did not contain some of the "everlastings" or immortelles. These "paper flowers" are always interesting to children. The colors are bright, the blooms hold long on the plant, and most of the kinds are very easy to grow. My favorite groups are the different kinds of Xeranthemums and Helichrysums. The Globe Amaranths, with clover-like heads (sometimes known as bachelor's buttons), are good old favorites. Rhodanthes and Acrocliniums are also good and reliable.

If flowers of any annual are wanted extra early, the seeds should be started indoors.

A number of the very late-flowering annuals should also be started indoors for best success in the northern States, as, for example, the Moonflowers and the tall-growing kinds of Cosmos.

In starting plants ahead of the season, be careful not to use too deep boxes. The gardener's "flat" may be taken as a suggestion. Three inches of earth is sufficient, and in some cases (as when the plants are started late) half this depth is enough.

Of late years there has been a strong movement to introduce the hardy perennials into general cultivation. This is certainly to be encouraged everywhere, since it adds a feeling of permanency and purposefulness that is needed in American gardens. Yet I should be sorry if this movement were to obscure the importance of the annuals.

A Border of Hardy Perennials.

## Raising Hardy Perennials from Seed.

**Written expressly for this book by Mr. Wm. Falconer, of Pittsburg.**

Hardy perennials are easily grown from seed. In many cases they are a little slower than annuals, but with intelligent care they are successfully raised, and from seed is an excellent way to get up a big stock of perennials in a short time. Many perennials, if sown in Spring, bloom the first year from seed as freely as annuals; for instance, Gaillardias, Iceland Poppies, Chinese Larkspur, Lychnis, Shasta Daisy, Platycodon, etc. Others wait a year; that is, if sown this year they don't bloom until next year. These include Cardinal Flower, Golden Alyssum, Campanula, Pyrethrum, Columbines, Gypsophila, Polyanthus, Foxgloves, Lythrum, Physostegia, etc. There is no rigid rule in this. It often happens that Hollyhocks, Delphiniums, Grass Pinks and others, if sown early in the season, bloom fairly well before the end of the first summer.

The seeds may be sown in spring or in summer. In spring the sowings may be made in the window, the hot bed, the cold frame, the greenhouse or in the open ground out of doors. In the window prepare pots or flower-pans or small, shallow wooden boxes or flats; fill to one-third their depth with fine broken cinders or broken pots, and over this place a thin layer of moss, chopped straw or rough siftings from the soil to keep the dirt from clogging the drainage; then fill up to within one-half or three-quarter inches of the brim with fine, free, mellow soil, with a thin layer of very fine soil over it. Tamp the pot on table to firm the soil a little. Now sow the seed evenly, and shake a very little fine soil over it; press it all over with the back of the hand or a board, then water gently through a fine spray or rose; this done, strew a little fine earth over all. In the case of very fine seeds covering only enough to hide the seed is plenty, but Pinks; Gaillardias and other rougher seeded sorts one-eighth inch deep of covering may be given. Keep the seed pots in a warm, sunny window, but shaded with a thin curtain from drying sunshine. A sheet of paper laid over the pot at this time prevents over-drying, but when the sunshine passes, take off the paper, else damp or mould will set in. A pane of glass laid over the pots or flats until germination appears is an excellent preservative of the moisture in the soil, but always tilt it up at one side one-eighth of an inch or more. When the seedlings come up, give them more light by keeping them close to the glass, and before they overcrowd one another or become spindly transplant them into other pots or flats, three-quarters or one inch apart from one another, according to their size and strength. As the weather gets mild, by placing the seedlings in a cool and airier place, as on the porch or a sheltered place out of doors, they become fairly inured to the open weather, and when they are large enough for final transplanting set them out in the garden.

The amateur may have more success and less bother growing hardy perennials from seeds sown in the open ground than in any other way. Prepare a bed in a nice, warm, sheltered spot in the garden, preferably not very sunny; let the surface of the bed be raised four or five inches above the general level, and the soil be a mellow, free, fine earth on the surface. Draw shallow rows across the surface of the bed, three to four inches apart, and here sow the seed, keeping the varieties of one kind or nature as much together as practicable; cover the seeds thinly, press the whole surface gently, water moderately, then dust a little fine, loose soil over all. If the weather is sunny or windy, shade with papers or a few branches, but remove these in the evening. When the seedlings come up thin them out to stiffen those that are left, and when they are two to three inches high, they are fit for transplanting into permanent quarters. All this should be done in early spring, say March, April or May, or in warmer localities a month earlier.

Again, in July or August perennials are very easily raised out of doors, and much in the same way as above. Observe how seedlings spring up in July or August in thousands around old plants of perennial Larkspur, Coreopsis, Hollyhocks and Foxgloves. The same holds good with artificially sown seeds; carefully note somewhat similar conditions. Transplant these seedlings in late August or early September to get well-rooted stocky plants before winter sets in.

# NOVELTIES AND SPECIALTIES IN
# Flower Seeds for 1911

**For General List of Flower Seeds see pages 69 to 126.**

## Dreer's Double Stock=flowered Annual Larkspurs.

The annual Larkspurs have long been esteemed as one of the best and easiest grown garden flowers; yet we do not think they are so generally grown as they deserve to be, and it is for the purpose of bringing them prominently to the notice of our customers that we show them in colors on the plate opposite.

There are a number of types, all good, but we consider the stock-flowered variety here offered as the best. They grow in a nicely branched plant, about three feet high, and seeds sown in the open ground before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost, a record that is not surpassed by any other annual. They make handsome beds or lines, and their free, graceful habit and bright colors are very effective when interspersed in the old-fashioned flower or shrubbery border. They stand well when cut, and a vase of one or mixed colors is indeed charming.

It is best to sow the seeds where they are to bloom any time after frost is out of the ground. They germinate in about two weeks time, and once above ground grow rapidly. We offer the following seven fine and distinct colors:

2931 **Dark Blue.** Rich royal blue. No. 1 on plate.
2932 **Lilac.** Soft, pretty shade. No. 5 on plate.
2933 **Lustrous Carmine.** Bright carmine-pink. No. 2 on plate.
2934 **Shell Pink.** Delicate shade of pink. No. 4 on plate.
2935 **Sky Blue.** Fine light blue. No. 6 on plate.
2936 **Tricolor.** Rose, red and blue. No. 7 on plate.
2937 **Pure White.** Very desirable. No. 3 on plate.

**Price.** Any of the above, 10 cts. per pkt.; 25 cts. per ¼ oz.; 75 cts. per oz.

2940 **Finest Mixed.** All the colors in mixture. 10 cts. per pkt.; 20 cts. per ¼ oz.; 60 cts. per oz.

2938 **Collection,** containing a packet each of the seven colors, 50 cts.

## ANCHUSA ITALICA, DROPMORE VARIETY.

1138 One of the finest hardy plants of recent introduction, remarkable for its free and continuous flowering and the beautiful gentian-blue color of its flowers; grows about five feet high, and should be in every hardy border. 15 cts. per pkt.; 2 pkts., 25 cts.

## DOUBLE-FLOWERING SNAPDRAGONS.

**(Antirrhinum majus fl. pl.)**

Interesting and novel varieties of the tall-growing Snapdragons, a large percentage of the seed-producing plants bearing perfectly double flowers in good spikes. We offer two varieties:

1152 **Album Fl. Pl.** Pure white double flowers. 20 cts. per pkt.; 3 pkts., 50 cts.

1153 **Tricolor Fl. Pl.** Rich purplish-red with yellow lip and white tube. 15 cts. per pkt.; 2 pkts., 25 cts.

Double Snapdragon.

## DREER'S GIANT SNAPDRAGONS.

**(Antirrhinum majus grandiflorum.)**

Whether grown for cutting or for show in the garden, the Snapdragons are one of the most valuable flowers, which can readily be grown from seed. They remain in constant bloom through a long season, and are now grown quite extensively at all seasons.

| | PER PKT. | | PER PKT |
|---|---|---|---|
| 1171 **Giant Scarlet** | 10 | 1174 **Giant Garnet** | 10 |
| 1172 " **White** | 10 | 1175 " **Pink** | 10 |
| 1173 " **Yellow** | 10 | 1176 " **Striped** | 10 |

1180 **Giant Mixed.** All colors ¼ oz., 25 cts. ........ 10
1179 **Collection** of a packet each of the 6 colors ........ 50

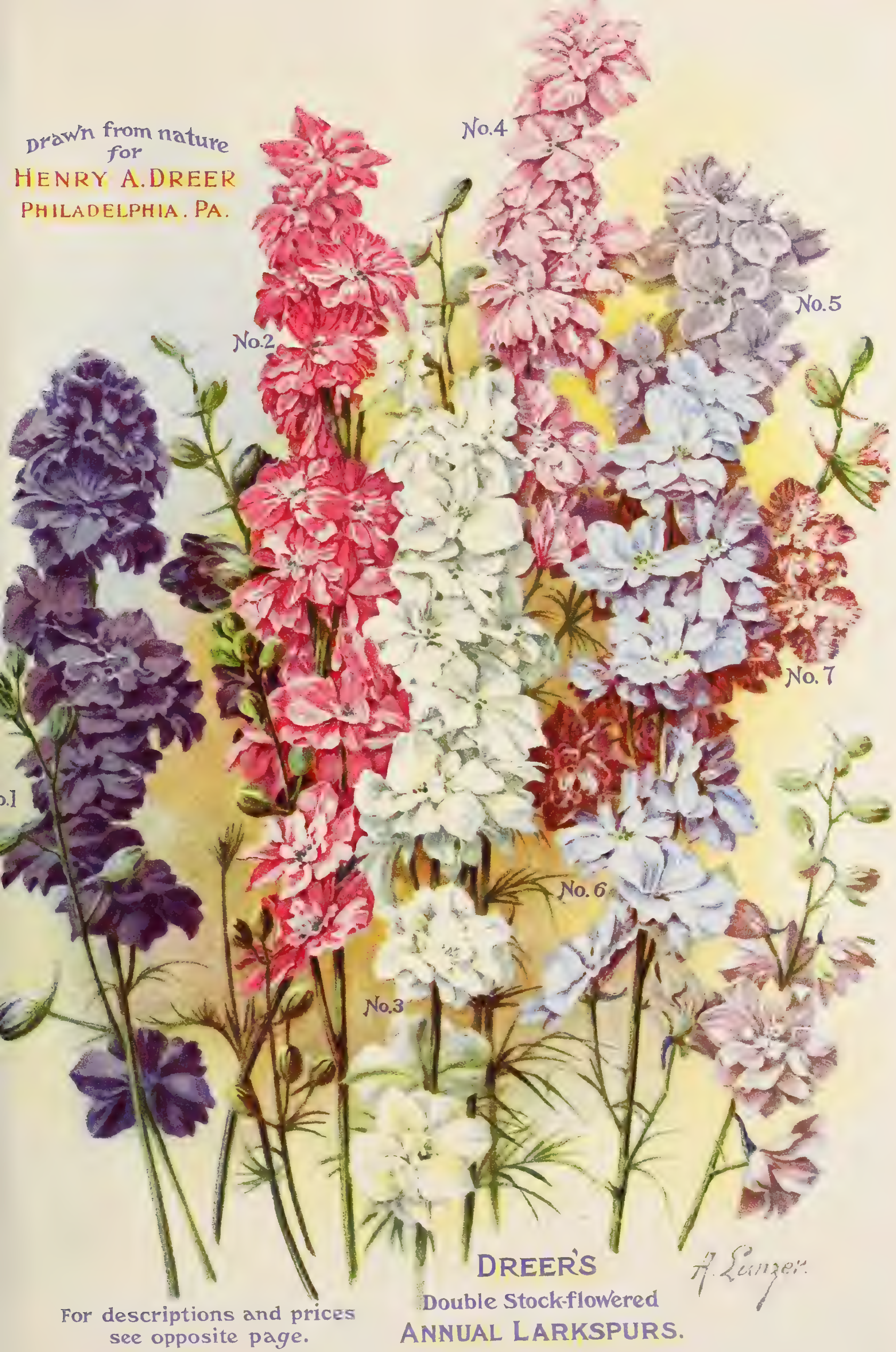
## Veitch's LONG-SPURRED HYBRID AQUILEGIAS OR COLUMBINES.

1206 This beautiful strain of Columbines comprises new and pleasing shades and combinations, effective and striking in the individual flowers, ranging through all shades of lavender, blue, mauve, white, yellow, orange, scarlet and bright rose-pink. The plants are perfectly hardy, vigorous and stately in growth, produce abundantly large and elegantly shaped flowers with long spurs, borne well above the pale glaucous green foliage. 25 cts. per pkt.; 5 pkts., $1.00.

## Aquilegia Cœrulea Candidissima.

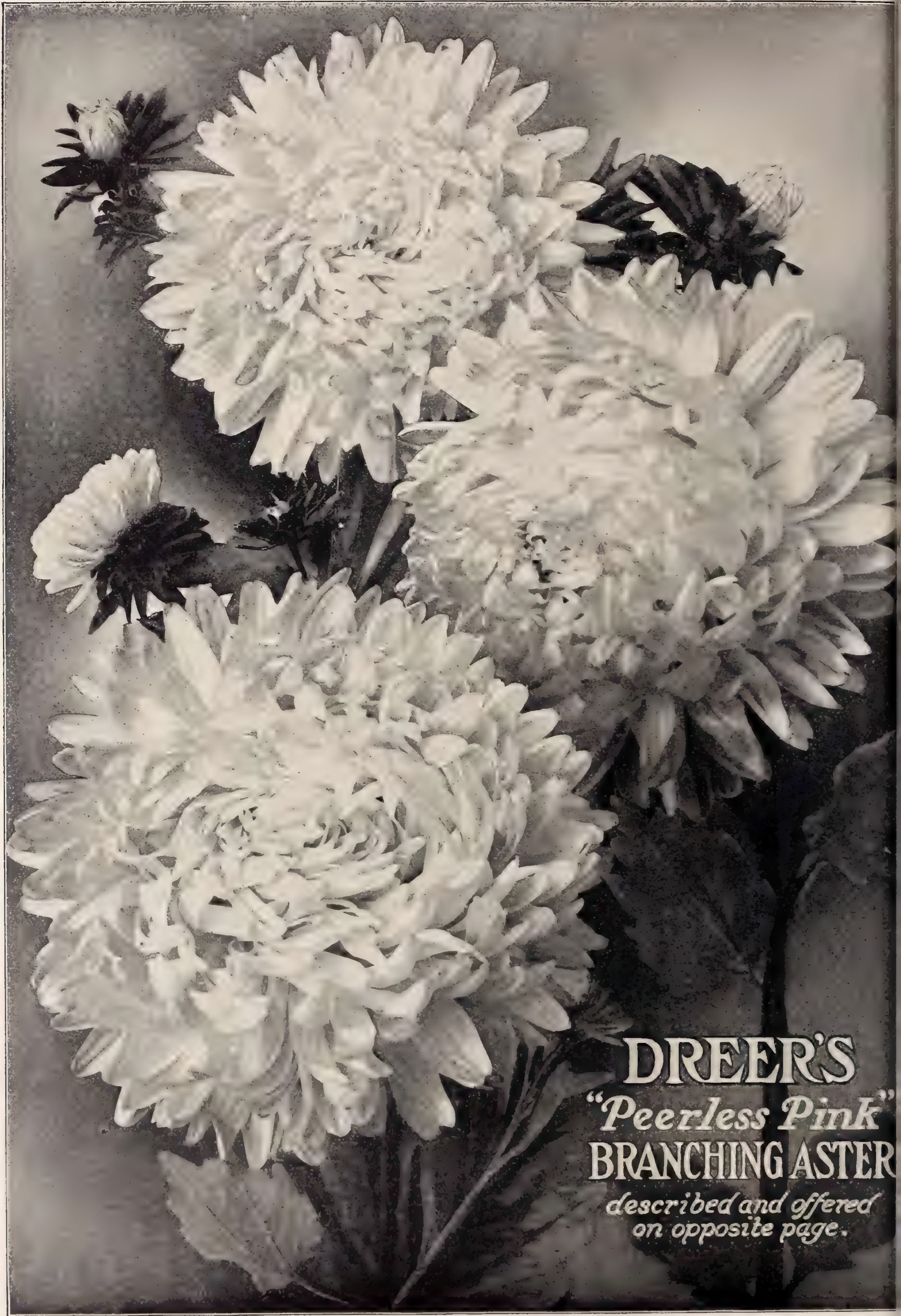
1188 A charming pure white form of the Rocky Mountain Columbine, with long-spurred flowers of uniform snowy whiteness; distinct and desirable. 20 cts. per pkt.; 3 pkts., 60 cts.

Veitch's Long-spurred Columbines.


Drawn from nature
for
HENRY A. DREER
PHILADELPHIA. PA.
No.4
No.2
No.5
No.7
o.1
No. 6
No.3
A. Lunzer

**DREER'S**
**Double Stock-flowered**
**ANNUAL LARKSPURS.**

For descriptions and prices see opposite page.



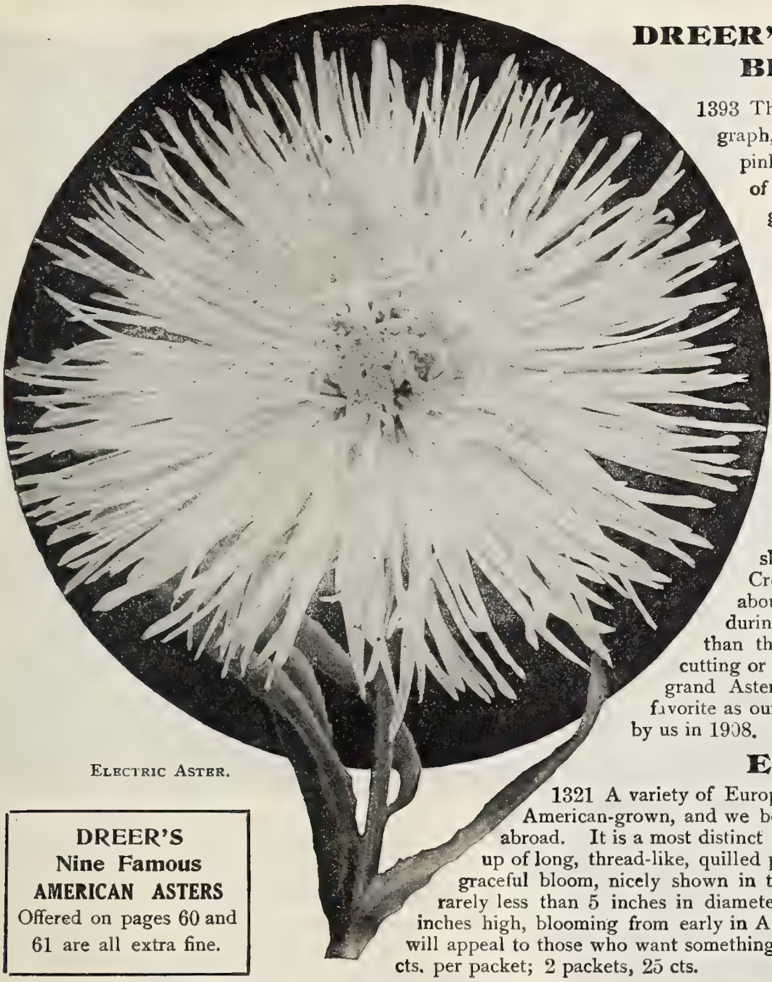
DREER'S
"*Peerless Pink*"
BRANCHING ASTER
*described and offered on opposite page.*

## DREER'S "PEERLESS PINK" BRANCHING ASTER.

1393 The plate opposite, reproduced from a photograph, is a splendid likeness of this grand, new pink Aster, which originated as a sport in a lot of Crego's Giant Pink Asters which we were growing for seed. In a general way, it is midway between Crego's Giant Pink and Late branching Shell-pink, having all the good points of both.

The plants are of robust, free-branching habit, 24 to 30 inches high, bearing their magnificent blooms on strong stems averaging 18 inches in length, and it is hard to find a flower under 4 inches across, and many measure 5 inches by 2¼ inches in depth, forming an almost globular flower. The centre petals are prettily incurved, while the wide, outer petals reflex, making a most artistic and finely finished flower.

The color is a rich shell-pink, similar in shade, but more decided, than either the Pink Crego's or Late Branching. It comes into bloom about the middle of August, being at its best during the early part of September, or a trifle earlier than the late branching sorts, and whether used for cutting or for bedding, we feel reasonably sure that this grand Aster will soon become as popular and firm a favorite as our Pink Beauty and Crimson King, introduced by us in 1908. 20 cts. per packet; 3 packets for 50 cts.



ELECTRIC ASTER.

## ELECTRIC ASTER.

1321 A variety of European origin; but the stock which we offer is American-grown, and we believe of higher quality than can be procured abroad. It is a most distinct and distinguished-looking flower, being made up of long, thread-like, quilled petals of snowy whiteness, which forms an airy, graceful bloom, nicely shown in the illustration. These are of very large size, rarely less than 5 inches in diameter, held erect on long, wiry stems; grows 18 inches high, blooming from early in August to the end of September. This variety will appeal to those who want something different from the usual run of Asters. 15 cts. per packet; 2 packets, 25 cts.

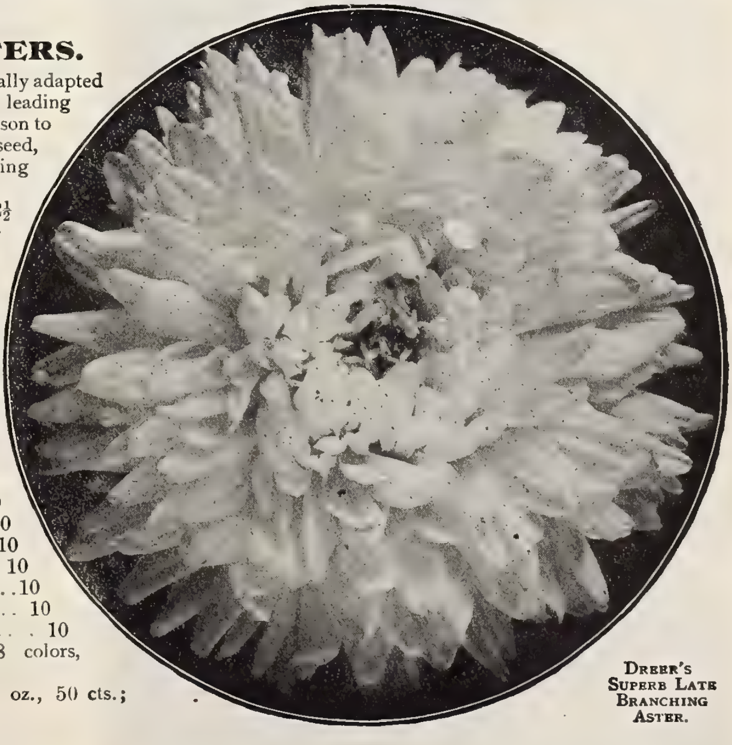
**DREER'S**
**Nine Famous**
**AMERICAN ASTERS**
Offered on pages 60 and
61 are all extra fine.

## DREER'S SUPERB LATE BRANCHING ASTERS.

This superb strain, of American origin and especially adapted to our climatic conditions, has long been one of our leading specialties, extraordinary care being given each season to the selection of the very finest specimens for stock seed, resulting in a strain that is acknowledged by the leading growers as unsurpassed.

The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long, strong stems their handsome Chryanthemum-like flowers, which, under ordinary cultivation, average over 5 inches across. The form of the flowers, together with the length of the stems, places them at the head of Asters for cutting. They come into bloom from two to three weeks after the average type, usually being at their best during September, and filling in the gap between the general run of Asters and Chrysanthemums. We offer eight beautiful and distinct colors.

| | | PER PKT. |
|---|---|---|
| 1451 | **Azure-blue.** A deep rich lavender | 10 |
| 1452 | **Deep Crimson.** Rich and glowing | 10 |
| 1453 | **Deep Rose.** Distinct and fine | 10 |
| 1455 | **Pale Lavender.** Exquisite greyish-blue | 10 |
| 1456 | **Deep Purple.** A rich royal shade | 10 |
| 1457 | **Rose-pink.** A lovely shade | 10 |
| 1461 | **Shell-pink.** Soft and dainty | 10 |
| 1467 | **Pure White.** Perfect in its purity | 10 |
| 1469 | **Collection.** A packet each of the 8 colors, 60 cts. | |
| 1470 | **Finest Mixed.** All the colors mixed. ¼ oz., 50 cts.; 10 cts. per pkt. | |

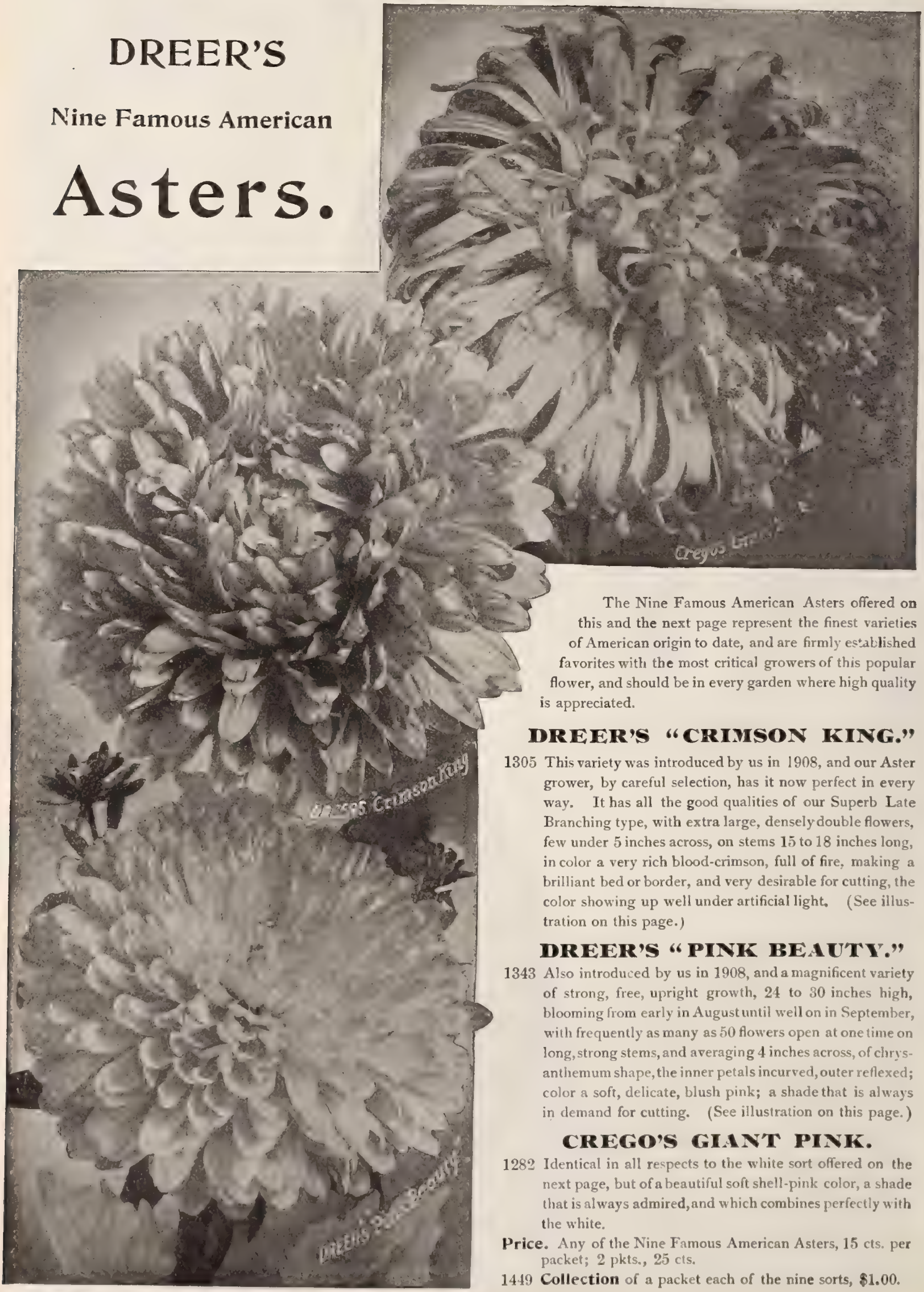


DREER'S SUPERB LATE BRANCHING ASTER.

# DREER'S

## Nine Famous American

# Asters.



The Nine Famous American Asters offered on this and the next page represent the finest varieties of American origin to date, and are firmly established favorites with the most critical growers of this popular flower, and should be in every garden where high quality is appreciated.

### DREER'S "CRIMSON KING."

1305 This variety was introduced by us in 1908, and our Aster grower, by careful selection, has it now perfect in every way. It has all the good qualities of our Superb Late Branching type, with extra large, densely double flowers, few under 5 inches across, on stems 15 to 18 inches long, in color a very rich blood-crimson, full of fire, making a brilliant bed or border, and very desirable for cutting, the color showing up well under artificial light. (See illustration on this page.)

### DREER'S "PINK BEAUTY."

1343 Also introduced by us in 1908, and a magnificent variety of strong, free, upright growth, 24 to 30 inches high, blooming from early in August until well on in September, with frequently as many as 50 flowers open at one time on long, strong stems, and averaging 4 inches across, of chrysanthemum shape, the inner petals incurved, outer reflexed; color a soft, delicate, blush pink; a shade that is always in demand for cutting. (See illustration on this page.)

### CREGO'S GIANT PINK.

1282 Identical in all respects to the white sort offered on the next page, but of a beautiful soft shell-pink color, a shade that is always admired, and which combines perfectly with the white.

**Price.** Any of the Nine Famous American Asters, 15 cts. per packet; 2 pkts., 25 cts.

1449 **Collection** of a packet each of the nine sorts, **$1.00.**

# DREER'S

## Nine Famous American

# Asters.

*(Continued.)*

Crego's Giant White

### CREGO'S GIANT WHITE.

1281 By the most careful and painstaking selection we have, we believe, brought this beautiful Aster to a state of perfection hitherto unknown in this type, of free, sturdy growth, attaining a height of over 2 feet, well branched, with long, strong stems and artistic, fluffy, graceful-flowers, rarely less than 4 inches across and frequently over 5 inches, as fine as any chrysanthemum, and when cut keep longer in good condition than any Aster of this type; in bloom from mid-August on through September; in color a pure, glistening white. (See illustration on this page.)

### DAYBREAK.

1311 Of symmetrical growth and habit; attains a height of 18 inches, and produces during August in the greatest profusion perfect globe-shaped double flowers, which are of a delicate pink tint.

### PURITY.

1395 This variety is identical in every way to Daybreak, being of the same symmetrical growth, height and free-flowering qualities; the flowers, however, instead of being pink, are pure glistening white.

### LAVENDER GEM.

1353 One of the most beautiful Asters. It is of true Comet type, with large, artistic, loosely-arranged flowers on long, wiry stems of the most charmimg shade of lavender imaginable. Begins blooming in July, continuing through August.

### VIOLET KING.

1482 A distinct variety, similar in habit to the Late Branching type, with long, strong stems, and perfectly double flowers of a pleasing, soft shade of violet. (See cut.)

### WHITE FLEECE.

1494 One of the largest and most perfect of the Comet type, bearing flowers 5 inches and over across, formed into a plumy globe of glistening white; blooms at the same time as Lavender Gem, making a splendid companion. (See cut.)

**Price:** Any of the Nine Famous American Asters, 15 cts. per packet; 2 pkts., 25 cts.

1449 **Collection** of a packet each of the nine sorts, $1.00.

Violet King
White Fleece

New Giant Spider Flower.

## Begonia Gracilis Prima Donna.

1564 This may be briefly described as a perfected, ideal form of the popular pink *B. gracilis.* The flowers are much larger, of a limpid rose, shading to carmine at the centre; a color of exquisite beauty; habit of plant perfect and very free-flowering. 25 cts. per pkt.

## Begonia Semperflorens "Salmon Queen."

1577 We had the pleasure of seeing this beautiful variety in flower at the introducer's, and were much impressed by the brightness of its brilliant salmon-rose flowers. All the varieties of this free-flowering, easily grown Begonia are worth growing either for bedding or for pot culture, and this, the brightest-colored of them all, is especially desirable. 20 cts. per pkt.; 3 pkts., 50 cts.

## DOUBLE-QUILLED ENGLISH DAISY.

**(Bellis perennis tubulosa fl. pl.)**

1598 It has taken years of careful selection to produce this densely double-quilled type, which reproduces itself almost true from seed. The colors include white, pink, blood-red and other shades of red, and are a desirable addition to this pretty spring-flowering plant. 20 cts. per pkt.; 3 pkts., 50 cts.

## INVINCIBLÆ GIANT COWSLIP

2112 Quite distinct from the ordinary Cowslip both in the stronger growth of the plant and in the massive flowers, which are borne on stout stems 12 to 15 inches high. A bed of these in early spring presents a sight which commands the admiration of every lover of beautiful flowers. The colors range from pure yellow and orange to the deepest scarlet and crimson. 25 cts. per pkt.; 5 pkts. for $1.00.

## DOUBLE BLUE CORNFLOWER.

**(Centaurea Cyanus fl. pl.)**

1881 This was introduced by us in 1907, and is now a standard variety and largely used by the commercial florist, who quickly recognized its value as a cut flower. It is identical in color to the popular single blue variety, which is so much in demand for cutting, especially for buttonieres, but, being a full, double flower, it takes fewer of them to make a nice bunch, and is better in every way. 15 cts. per pkt.; ¼ oz., 50 cts.

## NEW GIANT SPIDER FLOWER.

**(Cleome Gigantea.)**

2002 We tested this in our trial grounds last summer, where it proved to be the finest Cleome which we had ever seen. The plant attained a height of 3½ feet, well branched, each branch terminated by a large head of bright rosy-crimson flowers, and far superior in size and coloring to all others. It makes a striking subject for large beds or for interspersing in the mixed flower or shrubbery border. Seed should be sown in the open ground as soon as the weather is warm and settled, and the plants given sufficient room to develop their full beauty. 15 cts. per pkt.; 2 pkts., 25 cts.

Double Blue Cornflower.

## Gigantic-flowering Cosmos "LADY LENOX."

2084 This, the latest development in this popular autumn flower, bears gigantic flowers, with wide, overlapping petals of splendid substance, making a perfectly circular flower, which is borne on very long stems, in color a beautiful deep rosy-pink. The plant is of strong, vigorous growth, 6 to 7 feet high. 10 cts. per pkt.; ¼ oz., 40 cts.

Cosmos "Lady Lenox."

## NEW HYBRID DELPHINIUMS.

(Hardy Larkspurs.)

We are again fortunate in having secured a supply of the magnificent new Hybrid Hardy Larkspurs offered below, which represent the finest varieties of a famous English collection; and although you cannot depend upon them coming strictly true to name, yet you may rely upon getting some splendid results. Flowers of largest size and equal to the varieties from which the seed has been saved.

Their culture is fully treated by Mrs. Ely, the author of "A Woman's Hardy Garden," and Mr. W. C. Egan, the eminent amateur, who makes a specialty of hardy plants in general, and Larkspurs in particular. These notes will be found on pages 89 and 213. We also offer on page 213 plants of these grand sorts.

2216 **Amos Perry.** Semi-double flowers of rich rosy-mauve flushed with sky-blue; conspicuous black eye.

2217 **Amyas Leigh.** Rich sky-blue, inner petals rosy-plum, white centre, in large, loosely arranged, irregular spikes.

2218 **Belladonna.** The freest and most continuous blooming of all, never being out of flower from the end of June until cut down by hard frost. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower. 25 cts. per pkt.; 5 pkts. for $1.00.

2224 **Duke of Connaught.** Rich Oxford blue, slightly flushed, with a bold, distinct white eye; flowers 2 inches across and very ornamental.

2233 **Julia.** Gigantic flowers of a pretty cornflower blue, beautifully veined with rose, large pure white eye, arranged on most symmetrical spike.

2241 **King of Delphiniums.** A magnificent variety with massive spikes 6 feet in height, well set with semi-double flowers 2 inches or more across. Color rich gentian-blue with a very conspicuous white centre.

New Hybrid Delphiniums.

Delphinium Belladonna.
(Everblooming Hardy Larkspur)

2244 **Lizzie.** Lovely azure-blue with bold yellowish eye, beautifully arranged on massive spikes.

2242 **Mme. Violet Geslin.** Perfectly round semi-double flowers of clear blue, lavender centre, bold white eye, evenly arranged in spikes 5 to 6 feet high; a gem.

2243 **Mrs. Creighton.** Semi-double flowers, the outer petals sky-blue, centre rich plum, with black eye.

2245 **Portia.** Lovely cornflower-blue, with just the faintest flush of rose; black centre.

2246 **Queen Wilhelmina.** One of the finest of the newer hybrids; immense flowers of a soft lavender-blue flushed rose, with a very conspicuous white eye.

2247 **Rembrandt.** Large loose spikes of bright sky-blue, inner petals rosy lavender, the whole flower covered with a glistening silver sheen.

**Price.** Any of the above, except Belladonna, 15 cts. per pkt.

2249 **Collection** of a packet each of the above 12 Grand Delphiniums, $1.25.

## GOLD MEDAL HYBRID DELPHINIUMS.

2238 Unquestionably the finest strain of mixed hybrids ever offered. The original stock came from England, and consisted of the best-named varieties. The plants are of strong, vigorous habit, with large flowers in massive spikes, the majority running in the lighter shades of blue. 15 cts. per pkt.; ¼ oz., 50 cts.

**The older varieties of Delphiniums are offered on page 89.**

## Single Japan Pink "SILVER EDGE."

(**Dianthus Heddewigi Marginatus.**)

2307 This most striking novelty is the single-flowering form of the double annual variety, Mourning Cloak, offered on page 90. The large, slightly fringed flowers are a dark blood-red with purplish hue, uniformly edged or laced with pure white; exceedingly pretty. 20 cts. per pkt.; 3 pkts., 50 cts.

## DIMORPHOTHECA AURANTIACA.

2375 A rare and extremely showy annual Daisy from South Africa introduced last year, and which seems to suit our climatic conditions perfectly, and we look for it to become a permanent and popular favorite. The bushy plants grow 12 to 15 inches high. The flowers, which are 2½ inches and over across, are a unique, rich, glossy orange-gold, with dark disc and halo. These glitter in the sunshine and present a magnificent sight when in full bloom. Seed may be sown in the same way as Asters or Petunias, and should have a sunny position. They bloom the greater part of the summer and fall. 25 cts. per pkt.; 5 pkts., $1.00.

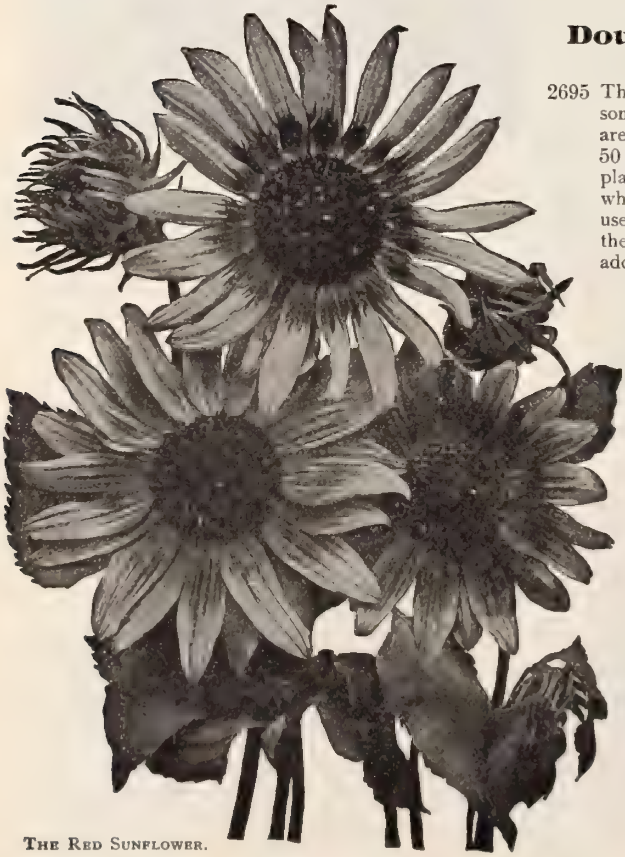
## NEW HYBRID FREESIAS.

2477 This is one of the most remarkable novelties of recent years, producing delightfully fragrant flowers in a large variety of colors, such as pink, rose, purple, blue, violet, orange, brown, etc. They are as easy to grow and as valuable for cutting as the ordinary white Freesias, which are offered in bulb form in the autumn. The seedlings are said to bloom in less than eight months from time of sowing. Awarded a Gold Medal at Nice, France, last summer. 30 cts. per pkt.; 2 pkts., 50 cts.

## New Double Hollyhock "Newport Pink."

2791 A charming variety that originated in one of the famous gardens at Newport, R. I. It produces stately spikes of very double rosette-like flowers of pure pink, a shade that is always in demand. The seed of this variety is quite distinct, being much smaller than those of other colors. 20 cts. per pkt.; 3 pkts., 50 cts.

Dimorphotheca Aurantiaca.



The Red Sunflower.

## Double-flowering BABY'S BREATH.

(**Gypsophila paniculata fl. pl.**)

2695 This was introduced in plant form a few years ago, but being somewhat difficult to propagate was likely to remain scarce. We are now able to offer seed of it, which reproduces itself about 50 per cent. true, which should help its rapid dissemination. The plant grows from 3 to 3½ feet high, bearing its pretty little double white flowers in much-branched panicles, which, when cut, can be used to great advantage with other flowers or by themselves, as they retain their beauty for months. It is also a most desirable addition to the hardy border. 20 cts. per pkt.; 3 pkts., 50 cts.

## THE RED SUNFLOWER.

(**Helianthus cucumerifolius purpureus.**)

2699 A red annual Sunflower has long been looked for, and this new hybrid strain seems to be the forerunner of a really bright red variety, containing as it does a large range of colors, from light pink to deep purplish-red. The flowers are identical to the new miniature Sunflowers, some having straight, flat petals, others formed like a single Cactus Dahlia. Their ease of culture, sturdy habit, free and long blooming qualities insure this novelty being tried by all interested in new forms of flowering plants. 25 cts. per pkt.; 5 pkts., $1.00.

## TWO HANDSOME HELENIUMS.

The two fine sorts offered below originated at our own nurseries, and are great advances on the older sorts, and desirable additions to any collection of hardy perennial plants.

2713 **Riverton Gem.** Of strong growth, 2½ to 3 feet high, and covered all summer with brilliant flowers, opening old-gold, changing as they mature to wallflower-red.

2714 **Riverton Beauty.** Similar to the preceding in every way except color, the petals being a rich lemon-yellow surrounding a large cone of purplish-black; a striking combination.

**Price** of either, 15 cts. per pkt.; a pkt. of each, 25 cts.

Marigold, Orange Prince.

## GIANT YELLOW TULIP POPPY.

(Hunnemannia Fumariaefolia.)

2821 This is by far the best of the Poppy family for cutting, remaining in good condition for several days. Seed sown early in May will, by the middle of July, produce plants covered with their large buttercup-yellow, poppy-like blossoms, and never out of flower until hard frost. The plants grow about 2 feet high, are quite bushy, with beautiful feathery glaucous foliage. ¼ oz., 25 cts.; 10 cts. per pkt.

## Lathyrus Latifolius "White Pearl."

(Hardy Everlasting Pea.)

2954 A grand new snow-white variety, with flowers double the size of the old white sort and produced in very large trusses from early in July until September. The plant is of very robust growth, and is sure to become popular, not only as a climber, but as a cut flower. 15 cts. per pkt.; 2 pkts., 25 cts.

## Lupinus Polyphyllus Roseus.

3052 A beautiful variety of the old-fashioned hardy perennial Lupine, with showy rosy-pink flowers, which are borne in long spikes raised well above the handsome satiny-palmate leaves; makes an attractive display from June to September. When grown south of the Eastern States, it should be given a semi-shady position. 15 cts. per pkt.; 2 pkts., 25 cts.

## Two Magnificent Marigolds.

The two varieties offered below are the very finest of the large-flowering African type, and grow about 2½ feet high, bearing in continuous succession from early summer till hard frost large and perfectly double flowers.

3084 **Orange Prince.** Flowers very large, of a deep golden orange. 15 cts. per pkt.

3085 **Lemon Queen.** Immense double flowers, in color a soft lemon-yellow, making a fine contrast to the rich orange of the preceding. 15 cts. per pkt.

One pkt. each of the above for 25 cts.

## NEW GERANIUM-LEAVED TOM THUMB NASTURTIUM.

3386 This beautiful and novel variety originated with one of our growers in California. It differs from all other sorts in having heavy, rich green foliage, in shape exactly like a Zonale Geranium, and forms a globular plant about one foot high by as much in diameter, and bears with great profusion bright scarlet flowers, making one of the very best plants for a bed or border, filling baskets, vases and the innumerable uses to which the Nasturtium lends itself. 15 cts. per packet; 50 cts. per ounce.

## VARIEGATED-LEAVED NASTURTIUMS.

After years of selecting, a finely variegated-leaved type of this popular annual has at last been "fixed;" the foliage is beautifully marked white, gold and green, and makes very pretty subjects for hanging baskets, porch-boxes, borders, etc.

3381 **Queen of Tom Thumbs.** Dwarf, dense bushes, with variegated foliage and flowers in a large variety of colors. 10 cts. per pkt.; 25 cts. per oz.

3321 **Queen of Talls.** Similar to the regular tall Nasturtium, but with variegated leaves. 10 cts. per pkt.; 25 cts. per oz.

## NEW SINGLE ANNUAL POPPY "KING EDWARD."

3703 A new variety of gorgeous coloring, being a deep scarlet, shaded crimson-red, each petal marked with a large black blotch for half its length from the base, against which the yellow anthers stand out in bold relief. The plant grows 2½ feet high, and produces its very large flowers with great freedom. Like other annual Poppies it is of the easiest culture, doing well in any sunny position. 20 cts. per packet; 3 packets, 50 cts.

Poppy King Edward.

GOLDEN SALVIA, CANARY BIRD.

## PRIMULA OBCONICA GIGANTEA.

This, the finest of the Obconica type yet introduced, is the result of a cross between *P. obconica grandiflora* and *P. megasæfolia;* of strong, vigorous growth, with extra large individual flowers and flower heads, borne on extremely strong stems, and make handsome specimens for window garden and conservatory decoration, and is a splendid cut flower. We offer same as follows:

3811 **Gigantea Kermesina.** Rich crimson. 25 cts. per pkt.
3812 — **Rosea.** Pure rose color. 25 cts. per pkt.
3815 — **Mixed.** All colors, from pale lilac to crimson. 20 cts. per pkt.

## New Golden Salvia "CANARY BIRD."

(Salvia Splendens Aurea.)

3936 A novel variety of the popular Scarlet Sage, producing good spikes of clear yellow flowers, which contrast nicely with the dark green of the foliage, and a splendid companion to the many scarlet varieties. 25 cts. per pkt.; 5 pkts., $1.00.

## DWARF EARLY-FLOWERING SCARLET SAGE ZURICH.

3937 This valuable variety has been given a thorough trial, and proved itself to be a real improvement on existing sorts, being the earliest of all to flower, beginning in June and continuing without interruption until frost. It is of dwarf, compact habit, rarely more than 18 inches high, and is as free-flowering as any of the taller, later flowering sorts. 20 cts. per pkt.; ½ oz., 75 cts.

## SOLANUM CAPSICASTRUM "FRA DIAVOLO."

3992 A new variety of the well-known Jerusalem or Coral Cherry, of close, compact growth, with foliage somewhat smaller and lighter green than the type. The small, bright scarlet fruits are produced in lavish profusion, and as they remain on the plant a long time it makes a beautiful decorative pot plant through the winter months. 20 cts. per pkt.; 3 pkts., 50 cts.

## New Stokesias or Cornflower Asters.

4060 The blue Stokesia Cyanea, although a native of the United States, was practically unknown as a garden plant until the year 1903, when we illustrated it in colors on the cover of our Garden Book; and, as a result of our efforts, it is now one of the popular hardy perennials. Some four years ago a white-flowered variety was discovered, and now we are able to offer a mixture containing a number of rose shades, and various shades of blue as well. These should prove highly interesting, and we look forward to the time when this plant will be found in all gardens in a great variety of colors. 25 cts. per pkt.; 5 pkts., $1.00.

## "NEWPORT PINK" SWEET WILLIAM

4282 A distinct new color in this favorite hardy plant, which originated in one of the far-famed gardens at Newport, R. I. In color it is what florists call watermelon-pink or salmony-rose. Strikingly brilliant and beautiful; the habit of the plant is perfect, being well formed, neat and compact, the flowers borne in massive heads on stems 18 inches high. For mid-season mass bedding it has no equal. It is also very effective as a pot plant and for cutting. Perfectly hardy in any part of the country. 25 cts. per pkt.; 5 pkts., $1.00.

## NEW GIANT-FLOWERED VERBENA.

(Verbena Hybrida Gigantea.)

4350 A new strain of German origin, said to excel all others in the size of its flowers and in variety of colors, the individual flowers and trusses being of enormous size, the colors including Tyrian-rose, purple-garnet, Turkey-red, geranium-red, rosy-scarlet and many other rich shades, each flower having a large white eye, which adds much to its effectiveness. Verbenas are such useful subjects that this new strain deserves careful trial. 25c. per pkt.; 5 pkts., $1.00.

"NEWPORT PINK," SWEET WILLIAM.

# DREER'S ORCHID-FLOWERED SWEET PEAS.

The introduction of this type has created new interest, and added to the popularity of Sweet Peas. They are a great improvement on the standard sorts, having large, round, open flowers of extraordinary size, measuring two inches and over across, with wavy standards and wide-spreading wings, a very large percentage bearing four of these immense blossoms to the stem, which is long and strong, making them of exceptional value for cutting, and are just as easy to grow as the standard varieties. The sorts offered below are all extra fine.

## Six Superb New Orchid-flowered Sweet Peas.

4074 **Blanche Ferry Spencer.** Identical in color to the popular pink and white Blanche Ferry, but with immense wavy flowers.
4092 **Dainty Spencer.** Very large beautifully waved flowers of pure white, daintily edged pale rosy-pink.
4142 **Juanita Spencer.** Ground color pure white, prettily striped and suffused with soft lavender.
4204 **Prince of Wales Spencer** (*Marie Corelli*). A brilliant rosy-red of exceptional large size.
4211 **Queen Alexandra Spencer.** Magnificent in every way and one of the finest yet introduced. In color a rich bright scarlet; flowers of largest size.
4225 **Ruby Spencer.** A distinct new shade of rich cherry-red, with a ruby tone through it that adds much to its effectiveness; very large and wavy.

**Price:** Any of the above, 15 cts. per pkt.; 2 pkts. for 25 cts.

4238 **Collection** of a pkt. each of the 6 new sorts, 60 cts.

New Orchid-flowered Sweet Peas.

## TWELVE GRAND ORCHID-FLOWERED SWEET PEAS.

The following varieties are mostly introductions of 1908–9, and have been thoroughly tested in all parts of the country, and are firmly established as favorites with all lovers of fine Sweet Peas.

4062 **Apple Blossom Spencer.** Rose and blush-pink, beautifully waved. 10 cts. per pkt.; 30 cts. per oz.
4071 **Black Knight Spencer.** Rich, deep maroon, very large. 10 cts. per pkt.; 50 cts. per oz.
4086 **Countess Spencer.** A lovely clear pink, shading deeper at the edges, the original of this type.
4107 **Florence Morse Spencer.** Delicate blush with pink margin, a charmingly beautiful flower of very large size.
4112 **Frank Dolby.** The largest and finest pale lavender-blue.
4117 **George Herbert.** Bright rose-carmine, very showy.
4125 **Helen Lewis** (*Orange Countess*). Brilliant crimson-orange; wings orange-rose.
4153 **King Edward Spencer.** Bright crimson-scarlet. Magnificent in size. 10 cts. per pkt.; 50 cts. per oz.
4181 **Mrs. Routzahn Spencer.** Soft chamois pink, a beautiful shade. 10 cts. per pkt.; 50 cts. per oz.
4182 **Mrs. Walter Wright Spencer.** A beautiful shade of deep mauve 10 cts. per pkt.; 50 cts. per oz.
4198 **Primrose Spencer.** The finest primrose-yellow.
4242 **White Spencer.** A pure wavy white of enormous size and splendid substance; long, strong stems.

**Price:** Any of the above, except where noted, 10 cts. per pkt.; 20 cts. per oz.

4239 **Collection** of a packet each of the above 12 grand sorts, 80 cts., or 1 ounce of each, $3.00.
4260 **Orchid-flowered Mixed.** A splendid mixture. 10 cts. per pkt.; 15 cts. per oz.; 40 cts. per ¼ lb.; $1.25 per lb.

## DREER'S "INCOMPARABLE" COLLECTION OF SWEET PEAS.

This collection is made up of the very choicest standard sorts—varieties that have the endorsement of the leading American and European specialists—and it would be impossible to select another similar collection out of the vast number of standard sorts now in commerce that would combine in the same degree all the qualities which go to make up first-class varieties.

4063 **Aurora.** Orange-rose, striped on a white ground.
4073 **Blanche Ferry.** The popular pink and white.
4084 **Coccinea.** Rich brilliant cerise; a distinct new shade.
4090 **Dainty.** White, daintily edged with pink.
4091 **Dorothy Eckford.** Magnificent pure white.
4094 **Duke of Westminster.** Clear purple, tinted violet.
4111 **Flora Norton.** The clearest bright blue.
4126 **Helen Pierce.** White, veined and mottled bright blue.
4133 **Hon. Mrs. E. Kenyon.** The finest primrose-yellow.
4138 **Janet Scott.** A grand deep rich pink.
4141 **Jeannie Gordon.** Rosy-pink on a cream ground.
4152 **King Edward VII.** The finest crimson-scarlet.
4159 **Lady Grisel Hamilton.** A grand pale lavender.
4165 **Lovely.** Soft shell-pink; a lovely shade.
4167 **Lord Nelson.** The richest deep navy-blue.
4173 **Miss Willmott.** Brilliant orange-pink; very large.
4179 **Mrs. Walter Wright.** An exquisite shade of mauve.
4192 **Othello.** Very dark maroon, shaded almost black.
4201 **Prima Donna.** A magnificent pure pink.
4212 **Queen Alexandra.** Bright geranium-red, almost pure scarlet.
4234 **St. George.** Brilliant orange-scarlet

**Price:** Any of the above, 5 cts. per pkt.; 10 cts. per oz; 25 cts. per ¼ lb.; 75 cts. per lb.

4249 **Collection** of a packet each of the 21 "Incomparable" varieties, 75 cts.
4251 **Collection** of one ounce each of the 21 "Incomparable" varieties, $1.50.

ZINNIA HAAGEANA PERFECTION.

## ZINNIA HAAGEANA "PERFECTION."

4481 We had a line of this in our trial grounds last summer, which proved to be one of the most distinct and meritorious of the many novelties on trial, and which was noted and much admired by many visitors. The seed was sown April 29th, came into bloom June 25th, and was never out of flower until hard frost, early in November, a period of over four months. The plant is of dwarf, compact growth, 9 to 10 inches high by as much through, with fine foliage, and bears a multitude of very double flowers about 1½ inches across in a most unusual range of colors, including rose-tipped canary-yellow, maroon-tipped cream-yellow and wallflower-red, velvety garnet, etc., and altogether makes as pretty a border as anything of recent introduction. It should also prove useful in filling baskets, vases, etc. Like other Zinnias, it will grow and flourish in any sunny location. 15 cts. per pkt.; 2 pkts., 25 cts.

## Dreer's Improved Large-flowering Dwarf Double Zinnias.

This we consider the best type for general use, forming bushy, compact plants not over 2 feet high, and bearing perfect double flowers as large as the taller-growing sorts. We can supply in nine distinct colors, which are offered on page 126.

4459 **Collection** of a packet each of the 9 colors, 40 cts.

4460 **Finest Mixed.** All colors. 5 cts. pkt. 50 cts.; per oz.

## Giant Double Zinnias.

A special strain of this grand old favorite free and continuous flowering annual, which produces flowers of colossal size, specimens measuring 5 to 6 inches across being not unusual. Plants are of extremely robust habit, attaining a height of about 3 feet, and bearing on long, strong stems numerous semi-globular, mostly very double flowers, all of the largest size, making them of great value in large beds, borders, etc.; grown under favorable conditions they remain in bloom from early summer to late autumn.

We offer three of the most wanted colors, separately, as well as a splendid mixture of many colors, as under:

4513 **Giant White.** 20 cts. per pkt.
4511 **Giant Golden-yellow.** 20 cts. per pkt.
4512 **Giant Scarlet.** 20 cts. per pkt.
A packet each of the three separate colors, 50 cts.
4520 **Giant Mixed.** All colors. 15 cts. per pkt; 2 pkts., 25 cts.

## ZINNIA RED RIDING-HOOD.

4485 This little gem grows but a foot high; of compact form and covered the entire season with little button-like, intense scarlet very double flowers not over an inch across; as a border it is highly effective. 10 cts. per pkt.; 25 cts. per ¼ oz.

GIANT DOUBLE ZINNIA.

# DREER'S RELIABLE GENERAL LIST of FLOWER SEEDS

For Novelties See pages 58 to 68.

Our list has again been carefully revised, a number of meritorious sorts added and all inferior varieties discarded. For the convenience of our customers and to facilitate the filling of orders, it is only necessary in ordering to give the number of packets wanted and the corresponding number in the catalogue, viz.: 1 pkt. 1010, 10 cts.; 3 pkts. 1020, 30 cts., means one packet Abutilon, mixed, 10 cts.; 3 pkts. Acacia, mixed, 30 cts.

All flower seeds are sent free by mail at prices given.

Although we do not offer premiums, we invariably send "extras" with each cash order amounting to $1.00 or over.

## COLLECTIONS OF FLOWER SEEDS.

| | | | |
|---|---|---|---|
| 1134 | **Summer Flowering Annuals.** | 12 sorts, our selection... | $0 50 |
| 1135 | " " " | 25 " " " ... | 1 00 |
| 1136 | **Old-fashioned Annuals.** | 12 " " " ... | 50 |
| 3549 | **Old-fashioned Hardy Perennials.** | 12 " " " ... | 50 |
| 2019 | **Quick-growing Annual Climbers.** | 12 " " " ... | 50 |
| 2479 | **Fragrant Flowers.** | 10 " " " ... | 40 |

**Collections** of Asters, Balsams, Dianthus, Marigolds, etc., are offered under their respective heads.

## ABUTILON (Flowering Maple).

Elegant flowering perennial shrubs of strong growth and easy cultivation; free-flowering, with various colored, beautiful drooping bell-shaped flowers. Considered indispensible for flowering indoors during the winter and spring months, and useful for bedding out in the summer. Sown indoors any time before April, they will produce plants that will flower outdoors the first season and indoors all winter.

PER PKT.

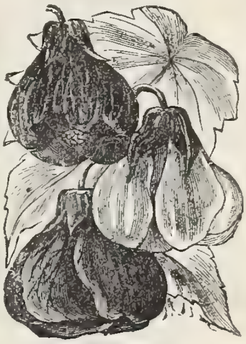
1010 **Fine Mixed.** Of choice varieties and colors.................... 10

## ACACIA.

Elegant half-hardy shrubs, having fine ornamental foliage and beautiful racemes of yellow globular flowers. Soak the seed in warm water for 24 hours before sowing.

1020 **Mixed.** Fine varieties, 6 to 10 feet.. 10

ACHILLEA "THE PEARL."



ABUTILON.

ACROCLINIUM.

## ACANTHUS (Bear's Breech).

PER PKT.

1017 **Latifolius.** Handsome and interesting hardy plants with fine foliage and curious rosy-white flowers in August and September. Grows from 2 to 4 feet high, according to soil and location. Valuable alike for planting as single specimens, in groups or in the border.......................... 10

## ACHILLEA (Milfoil, or Yarrow).

1021 **Ptarmica "The Pearl."** One of the best hardy white perennials Grows about two feet high, and from spring till frost is covered with heads of purest white double flowers. A grand plant for cemetery decoration. Easily grown from seed, flowering the first season if sown early. 15

## ACONITUM (Monk's Hood, or Wolfsbane).

1031 **Napellus.** A hardy perennial; growing in any good garden soil, producing long spikes of curiously-shaped blue and white flowers. Well adapted for planting among shrubbery or in shady corners of the garden; 3 to 5 feet. ¼ oz., 25 cts.......................... 5

## ACROCLINIUM.

A pretty annual "Everlasting," growing about 15 inches high, bearing lovely white or rosy-pink flowers, which, when cut in the bud state, can be dried and used in winter bouquets. A nice thing to grow in a mixed border aside from its use as an everlasting.

1040 **Double Mixed.** ¼ oz., 15 cts .......................... 5

1050 **Single Mixed.** ¼ oz., 15 cts. .......................... 5

---

**HOW TO GROW FLOWERS FROM SEED. This subject is fully covered by the articles on pages 55 to 57.**

Ageratum Blue Perfection.

## ADLUMIA.

**(Mountain Fringe, Allegheny Vine, or Climbing Fumitory.)**

PER PKT.

1051 **Cirrhosa.** A graceful hardy biennial climber, but, as it resows itself year after year, it might be considered perennial. The feathery foliage closely resembles that of the Maiden-hair Fern. The flowers are tube-shaped, flesh-colored, somewhat like the Bleeding-Heart, and completely cover the plant. For covering trellises, stumps of trees, etc., it is very desirable. Flowers the first year from seed .......... 10

## ADONIS.

1061 **Flos Adonis** (*Pheasant's Eye*). Showy annuals of easy culture, with pretty, fine-cut foliage, dark crimson flowers, lasting a long time in bloom; 1 foot. Per oz., 25 cts ............ 5

1064 **Vernalis** (*Ox Eye*). A hardy perennial sort, bearing large, bright yellow flowers in early spring; 1 foot. ¼ oz., 25 cts ........................ 10

## AMARANTHUS.

Brilliant-foliaged annuals, growing from 3 to 5 feet high, some of the varieties bearing curious racemes of flowers. All are useful in borders of tall plants or for the centre of large beds. They thrive best in a hot, sunny location, not too rich soil and given sufficient room to develop their full beauty.

1111 **Caudatus** (*Love Lies Bleeding*). Blood-red; drooping ...... 5

1116 **Cruentus** (*Prince's Feather*). Dark red feathery flowers ...... 5

1112 **Salicifolius** (*Fountain Plant*). Graceful red and yellow foliage, of drooping habit ........................ 5

1113 **Sunrise.** The most brilliant of this brilliant family. The foliage is bronzy crimson, each branch terminating with a tuft of bright scarlet-carmine leaves. It has been used with fine effect in many of the public parks. 2 pkts., 25 cts ............ 15

1114 **Tricolor** (*Joseph's Coat*). Leaves red, yellow and green. ¼ oz., 15 cts ........................ 5

1115 **Tricolor Splendens.** An improvement on the old sort, of more brilliant coloring ........................ 10

## AGERATUM (Floss Flower).

One of the very best bedding plants, being literally a sheet of bloom from early summer till frost. Unlike many bedding plants, their flowers are not liable to be spoiled by rain, nor do the colors fade out. The various blue varieties are without doubt the most satisfactory bedding plants of this color for our trying climate. Easily raised from seed, which is usually started in a hotbed or window and transferred to the open ground in May. Can also be sown outdoors in May. A sowing in September will give plants to bloom all winter. (See cut.)

PER PKT.

1071 **Blue Perfection.** This is the darkest-colored of all large flowering Ageratums. Color deep amethyst-blue; compact growth; fine bedder. ¼ oz., 30 cts. ........ 10

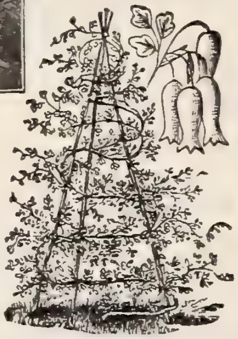
1076 **Little Blue Star.** A variety of exceedingly dwarf and even growth; the tiny bushes, not over 4 to 5 inches high, are densely covered with bright blue flowers; a fine variety for edging. 2 pkts., 25 cts. ........ 15

1073 **Cope's Pet.** The best light-blue variety for edging. ¼ oz., 25 cts. .............. 10

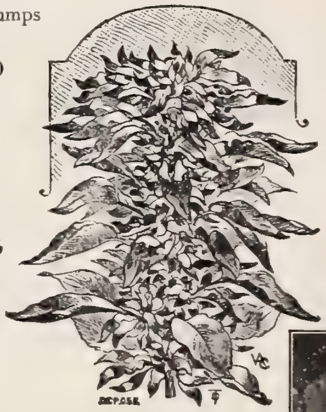
1078 **Princess Pauline.** A beautiful variety of compact, even growth, rarely exceeding 8 inches in height; the flowers are sky-blue, with a white centre, the contrast being really exquisite ................ 10

1074 **Imperial Dwarf Blue.** Clear blue; 8 inches. ¼ oz. 25 cts. ...................... 5

1075 **Imperial Dwarf White.** 8 inches. ¼ oz., 25 cts. ........ 5



Adlumia Cirrhosa.



Amaranthus Tricolor.

## AGROSTEMMA.

**(Rose of Heaven, Mullein Pink.)**

1090 **Coronaria.** An attractive free-flowering hardy perennial of easy culture, producing glowing crimson flowers like a single pink and silvery white foliage; blooms the first season; fine for cutting; 2 feet. ¼ oz., 15 cts. ........ 5

Agrostemma Coronaria.

## ALYSSUM (Mad-Wort).

Pretty little plants for beds, vases, baskets, edgings or rock-work, blooming profusely all summer; useful also for winter-flowering. Very sweetly scented. PER PKT.

1101 **Little Gem,** or **Carpet of Snow.** Of dwarf, compact habit, but 4 inches high. It begins to bloom when quite small, and the plants are a solid mass of white from spring to late in autumn, and undoubtedly the best white flowering edging plant in the list. (See cut.) Per oz., 50 cts .... 5

1102 **Sweet Alyssum** (*A. Maritinum,*) Of trailing habit; flowers white. Per oz., 25 cts.... 5

1103 **Tom Thumb** (*Benthami Compactum*). Of dwarf, compact, erect growth; excellent for edging; white. Per oz., 40 cts.... 5

1104 **Saxatile Compactum.** *"Basket of Gold."* Showy golden-yellow flowers; hardy perennial, blooms the first season, if sown early indoors; excellent for rock-work; 1 foot. ¼ oz., 25 cts.... 5

## AMPELOPSIS (Boston or Japanese Ivy).

1131 **Veitchi.** A hardy perennial climber from Japan, with olive-green leaves, which turn to scarlet in the autumn. The best and most popular climber for covering brick or stone walls. Per oz., 50 cts.... 10

## ANEMONE (Windflower).

A very pleasing perennial, producing large flowers; few plants compare with them in beauty; fine for bouquets. Sow outdoors in spring, keeping shaded till the plants appear.

1140 **Coronaria, Mixed Colors** (*Poppy Anemone*)... 5

1146 **St. Brigid.** A beautiful selection of the above, comprising semi-double and double flowers in a wonderful array of colors; seed sown by midsummer produces flowering plants the following spring.... 15

## ANTHEMIS (Hardy Marguerite).

1150 **Tinctoria Kelwayi.** A most satisfactory hardy perennial, bearing all summer daisy-like golden-yellow blossoms; excellent for cutting; 2 feet. ¼ oz., 25 cts. 10

DREER'S GIANT SNAPDRAGONS.

A BORDER OF ALYSSUM LITTLE GEM.

## ANTIRRHINUM.

### (Snapdragon.)

The Snapdragons are now receiving the attention they deserve. They are undoubtedly one of the best cut flowers which can readily be grown from seed, while for beds or borders they are a constant source of pleasure, being in flower all the time. They succeed best in a rather light soil, in a sunny position, and although perennials, are best treated as annuals. For early flowering, sow in fall, protecting the plants with a covering of leaves through the winter; sown in spring, they bloom from mid-summer till frost. PER PKT

1171 **Giant Scarlet.** Bright red.... 10

1172 " **White.** White tinted yellow.... 10

1173 " **Yellow.** Clear yellow.... 10

1174 " **Garnet.** Rich, deep and velvety.... 10

1175 " **Pink.** Soft pink shaded.... 10

1176 " **Striped.** Very gay.... 10

1179 **Collection** of a packet each of the above six colors. 50

1180 **Giant Mixed.** A splendid mixture, containing all the colors; magnificent spikes of large individual flowers. ¼ oz., 25 cts.... 10

1154 **Queen of the North.** Grows 1 foot in height, and densely covered with large white flowers. A gem for beds and borders and valuable for pot culture. ¼ oz., 25 cts.... 10

1170 **Half-Dwarf Mixed.** Large variety of colors; best for bedding, growing about 18 inches high. ¼ oz., 20 cts 5

1160 **Tall Mixed.** Extra fine selection; fine long spikes, grand for cutting, ¼ oz., 20 cts.... 5

1169 **Imported Collection.** 10 colors, Dwarf varieties. 50

1159 **Imported Collection.** 10 colors, Tall varieties... 50

## ARMERIA (Sea Pink or Thrift).

1221 **Formosa.** A very pretty edging plant, bearing rosy-pink flowers; hardy perennial. ¼ oz., 25 cts.... 10

**The Annual Larkspurs, shown in colors and offered on page 58, should be in every garden.**

Aquilegia or Columbine.

## ARCTOTIS (African Daisy).

PER PKT.

1216 **Grandis.** A remarkably handsome annual from Southwest Africa. It forms much-branched bushes 2 to 3 feet high; its flowers are large and showy, being pure white on the upper surface, the reverse of petals pale lilac-blue. Miss Ida D. Bennett, the well-known horticultural author, says: "There are few annual flowers grown in the garden more valuable for cut flower work than the Arctotis. Daisy-shaped flowers of all kinds are always popular with flower lovers, and in the Arctotis we have one of the very best. It is easily grown from seed, and may be started in hotbed, in the house, or in the open ground, the seed germinating in about five days, and the plants may be expected to come into bloom early in July and continue until quite hard frost, being one of the rare flowers not injured by light frost, and will be a mass of bloom long after the more tender flowers of the garden have passed away. It delights in a sunny situation. As a cut flower it is especially valuable, the blooms, lasting a week or ten days in water, and if undeveloped buds are cut and placed in a sunny window, every one will open and produce as fine flowers as though left on the plant. This is a most valuable characteristic." ¼ oz., 25 cts.................. 10

## ARABIS (Rock Cress).

1211 **Alpina.** A hardy perennial and one of the earliest and prettiest spring flowers. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequalled for rockeries or edging; withstands the drought, and is always neat; 6 inches. (See cut.) ¼ oz., 25 cts ... 5

Arabis Alpina.

**BOOKS ON HORTICULTURE.**
See list on inside of back cover.

## AQUILEGIA (Columbine).

Miss Ida D. Bennett, the well-known horticultural author, has written the following expressly for this book:

"No hardy plant grown from seed is more easily handled than the Columbine, as the seeds possess great vitality, and, given any sort of chance, every one may be expected to grow.

"Seed may be planted in the open ground early in spring, and will, in the case of the single varieties, bloom the same season, or they may be planted in August or September and will come up early in spring and make vigorous plants, which will bloom abundantly during late spring and early summer. Many volunteer plants appear where the plants have bloomed the preceding year, and these may be lifted and moved to any desired position; but it is better in moving large established plants that the work should be done in the autumn, as spring transplanting frequently interferes with the perfection of the blooms

"Columbines should be planted wherever their presence will serve to lighten up a too stiff and formal planting, for no other plant has so airy a grace as the Columbine, is more generous of its blooms, or more effectively adapted for cut flowers."

| | | PER PKT. |
|---|---|---|
| 1181 | **Californica hybrida.** Exquisite flowers, mostly in yellow and orange shades, all with long spurs. ¼ oz., 50 cts............ | 10 |
| 1182 | **Canadensis.** This is the scarlet and yellow native species, and one of the brightest of all. ¼ oz., 30 cts.............. | 5 |
| 1183 | **Chrysantha** (*Golden Spurred*). Golden-yellow. ¼ oz., 30 cts... | 5 |
| 1184 | **— alba** (*White Spurred*). Beautiful pure white. ¼ oz., 50 cts... | 10 |
| 1185 | **Cœrulea** (*Rocky Mountain Columbine*). Violet-blue and white. 2 feet. ⅛ oz., 40 cts.............. | 10 |
| 1186 | **Cœrulea hybrida.** Beautiful hybrids, bearing large, long-spurred flowers in a great variety of colors. ¼ oz., 40 cts.......... | 10 |
| 1187 | **Flabellata nana alba.** A dwarf variety from Japan, with fine, glaucous foliage and large white flowers. ¼ oz., 40 cts.......... | 10 |
| 1191 | **Glandulosa.** Light blue and pure white; lovely.......... | 15 |
| 1192 | **Haylodgensis Delicatissima.** A new hybrid, bearing large, long-spurred flowers, the spurs being a tender satin-rose, passing imperceptibly to a delicate light-yellow at the crown. 2 pkts., 25 cts......... | 15 |
| 1195 | **Helenæ.** This new hybrid is of strong, robust growth, attaining a height of 15 to 20 inches, and bearing numerous flowers of a lovely shade of blue and pure white.............. | 25 |
| 1197 | **Nivea grandiflora.** A beautiful large pure white. ¼ oz., 15 cts.. | 5 |
| 1199 | **Collection** containing a packet of each of the above 11 sorts........ | 1 00 |
| 1207 | **Double,** all colors mixed. 40 cts. per oz.............. | 5 |
| 1210 | **Single,** all colors mixed. 30 cts. per oz.............. | 5 |

Arctotis Grandis.

**We offer an attractive list of Novelties and Specialties in Flower Seeds this season. See pages 58 to 68.**

One of Our Fields of Asters, Grown Exclusively for Seed.

# DREER'S SUPERB ASTERS.

ASTERS are one of the most important summer and autumn flowers, and receive special care at our hands. Yearly exhaustive tests of both home grown and imported stocks are made with a view to offering only the choicest kinds, regardless of cost. As a result of this care, our list comprises only such sorts as can be planted with perfect confidence that nothing better is procurable, no matter at what price or from what source.

The early sorts begin blooming in July, followed by the mid-season kinds, which flower during August; then the late-flowering varieties, which are at their best through September. It is quite easy, therefore, with a little care in the selection of the varieties, to have Asters in flower from the first days in July until hard frost.

**Culture.** Asters will thrive in any good soil, prepared in the same way as you would for a crop of vegetables, but it is well to remember that any extra care taken in the preparation of the soil is repaid by finer plants, larger blooms, with longer stems and more profuse flowering. They should have an open, sunny position, and prefer a good, heavy, loamy soil, enriched with a liberal quantity of thoroughly rotted manure, and the addition of wood ashes or air-slaked lime, and we do not advise growing them on the same ground year after year; it is better to change each season.

For early flowering the seed should be started in the house, hot-bed or cold-frame in April, transferring them to their flowering quarters as soon as danger from frost is past. For August and later flowering it is just as well to sow them in the open in May, preferably in a prepared seed bed, transplanting them when two or three inches high to where they are to bloom, although they may be sown where they are to flower with almost as good results.

The main essentials to insure fine Asters are a rich soil, frequent cultivation, no check to their growth from start to finish, and ample room to develop. When wanted for cutting with long stems, they should be set out not closer than twelve inches apart in the rows and two feet between the rows. When wanted for mass effects in beds they may be planted nine inches to a foot apart each way.

Branching Pæony-flowered Aster.

Asters are sometimes attacked by an aphis at their roots; also by stem rot, a fungous disease, which causes the stem to decay just at the point it emerges from the ground.

Both of these troubles are rarely met with if the plants are grown on good soil and are not checked in their growth. The addition of wood ashes or air-slaked lime at the time of the preparation of the beds also helps to prevent these troubles.

The Aster or Black Beetle, which devours the flowers, can only be destroyed by hand-picking or by knocking them into a basin or receptacle in which there is some water and kerosene oil. As a rule, these beetles come in August, and by growing only the early and late flowering kinds can be avoided.

## BRANCHING PÆONY-FLOWERED ASTERS.

A mid-season variety, which in vigor of growth, habit, size of bloom and all other qualities which go to make up a first-class Aster is unequalled. The plants grow about 18 inches high, every flower being borne on a long stem, making them valuable for cutting or bedding.

| | PER PKT. | | PER PKT |
|---|---|---|---|
| 1375 **Crimson** | 10 | 1377 **Peach Blossom** | 10 |
| 1376 **Dark Blue** | 10 | 1378 **Pure White** | 10 |

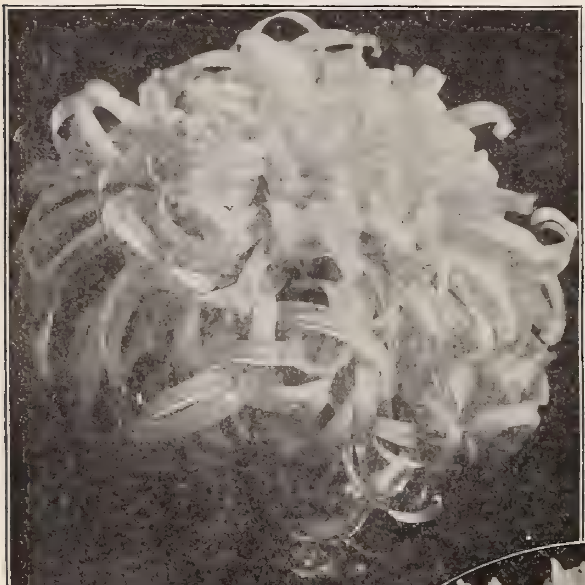
A packet of each of the 4 colors, 30 cts.

1380 **Finest Mixed Colors.** $\frac{1}{4}$ oz., 50 cts ........ 10

## CHINA ASTERS.

1340 **Mixed.** This is a general mixture of various sorts and colors, $\frac{1}{4}$ oz., 25 cts. ........ 5

**For New and Special varieties of Asters, see pages 59 to 61. See also pages 74 to 76.**



Giant Comet Aster.

## DWARF CHRYSANTHEMUM-FLOWERED ASTERS.

A large flowering dwarf Aster; grows about 1 foot high. Fine for ribbon borders, beds or pots. Blooms during August. PER PKT.

1320 **Finest Mixed.** All colors. ¼ oz., 50 cts .......... 10
1318 **Imported Collection.** 6 colors ................ 40

## JAPANESE or TASSEL ASTERS.

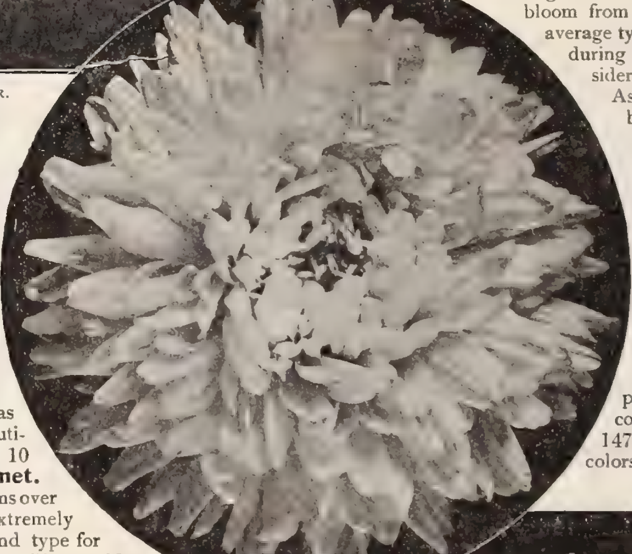
1350 Entirely distinct and novel. Plants of pyramidal growth, about 18 inches high, bearing on long stems from 40 to 50 flowers, averaging 4 inches across, composed of wavy and twisted needle-shaped petals, making the flower free and graceful; mixed colors .............. 10

## DREER'S SUPERB LATE BRANCHING ASTERS.

This superb strain is of American origin, and is especially adapted to our climatic conditions.

The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long, strong stems their handsome Chrysanthemum-like flowers, which, under ordinary cultivation, average 5 inches across. They come into bloom from two to three weeks after the average type, usually being at their best during September, and all things considered are the most valuable of all Asters either for cutting or for bedding, and if only one kind of Aster is grown this is the type which will likely give the best results.

1451 **Azure-blue** .... 10
1452 **Deep Crimson**. 10
1453 **Deep Rose**. ... 10
1455 **Pale Lavender** 10
1456 **Deep Purple** ... 10
1457 **Rose-pink** ..... 10
1461 **Shell-pink** .... 10
1467 **Pure White** .... 10
1469 **Collection** of a packet each of the 8 colors, 60 cts.
1470 **Finest Mixed.** All colors. ¼ oz., 50 cts ......... 10



Dreer's Superb Late Branching Aster.

## GIANT COMET ASTERS.

This type is grown for us in Europe and is very handsome, with immense plumy flowers; blooms in August; 18 to 24 inches. PER PKT.

1297 **Giant Pure White** 10
1296 **The Bride.** The flowers, on opening, are of the purest white, changing as they become older to a beautiful shade of rose ....... 10
1300 **Giant Branching Comet.** Magnificent flowers on stems over a foot long; flowers extremely loose and graceful; a grand type for cutting. Mixed colors. ¼ oz., 50 cts. .10

## CROWN ASTERS.

An imported variety, producing during August very showy and bright-colored flowers with white centres; 1½ feet.

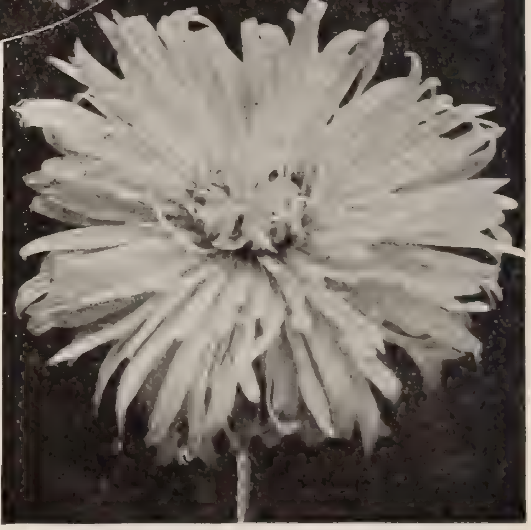
1280 **Finest Mixed Colors.** ¼ oz., 50 cts .................. 10
1278 **Imported Collection.** 6 colors ....................... 40

## EARLY WONDER ASTERS.

There is no doubt of this being the best *extra* early Aster yet sent out, flowering in early July from seeds sown in the open ground at the end of April, and if sown in March can be had in bloom before the close of June. The flowers are of good size, quite double, and are borne on good, long, stiff stems, which, added to their extremely early flowering, makes them of great value for cutting.

1345 **Early Wonder White** .............................. 15
1346 **Early Wonder Pink** ............................... 15

A packet of each for 25 cts.



Early Wonder Aster.

**Dreer's "Peerless Pink" Aster, illustrated and offered on page 59, is the most perfect Pink Aster yet introduced.**

## OSTRICH FEATHER ASTERS.

This magnificent imported Aster may be briefly described as being the finest of the Comet type yet introduced, differing in the candelabra form of growth and greater freedom of bloom, but its greatest merit is in the flowers, which are of immense size; made up of much longer, more loosely formed petals, equalling the best Japanese Chrysanthemums. Blooms in August. When used for cutting, the flowers should be picked when about half expanded and allowed to develop in water in a cool room. (See cut.)

| | | PER PKT. | | | PER PKT. |
|---|---|---|---|---|---|
| 1361 | **Bright Rose** | 15 | 1365 | **Violet Blue** | 15 |
| 1362 | **Lavender** | 15 | 1366 | **Vivid Crimson** | 15 |
| 1364 | **Salmon Pink** | 15 | 1367 | **Pure White** | 15 |

1369 **Collection** containing a packet each of the 6 colors, 60c.

1370 **Mixed,** all colors. ¼ oz., 50 cts. .......... 10

## PÆONY-FLOWERED PERFECTION ASTERS.

One of the most perfect; very double, large and finely shaped; the petals beautifully incurved; the form of the flowers being well shown in the illustration below; blooms in August. 1½ feet.

| | | |
|---|---|---|
| 1381 | **Glowing Crimson** | 10 |
| 1382 | **Light Blue** | 10 |
| 1383 | **Pink** | 10 |
| 1384 | **Purple Violet** | 10 |
| 1385 | **Pure White** | 10 |
| 1386 | **Brilliant Rose** | 10 |
| 1390 | **Finest Mixed,** all colors. ¼ oz., 50 cts. | 10 |
| 1388 | **Collection** of the 6 colors offered above | 50 |
| 1389 | **Imported Collection** of 12 colors | 75 |

**DREER'S**
**"Peerless Pink"**
**ASTER.**

The finest pink sort yet introduced. (See p. 59.)

QUEEN OF THE MARKET ASTER.

OSTRICH FEATHER ASTER.

PÆONY PERFECTION ASTER.

## HARDY PERENNIAL ASTERS.

**(Starworts, or Michaelmas Daisies.)**

PER PKT.

1400 Single flowering, hardy herbaceous plants, thriving in any good garden soil. If sown early in the spring they will flower the first season. Mixed varieties. ¼ oz., 50 cts. .......... 10

## SINGLE-FLOWERING ASTERS.

1440 The single China Asters are very effective in beds or borders, and offer a pleasing change to the innumerable double sorts; mixed colors. ¼ oz., 25 cts..... 10

## Queen of the Market Asters.

An early flowering first-class Aster, coming into flower in July, or fully three weeks in advance of the general run; of branching habit; flowers of good size and borne on long stems, making them exceedingly valuable for cutting; excellent for growing under glass; 1 foot. (See cut.)

| | | | | | |
|---|---|---|---|---|---|
| 1401 | **Bright Rose** | 10 | 1405 | **Pink** | 10 |
| 1402 | **Crimson** | 10 | 1406 | **Purple** | 10 |
| 1403 | **Lavender** | 10 | 1407 | **White** | 10 |

1409 **Collection.** One packet each of the 6 colors .......... 50

1410 **Mixed Colors.** ¼ oz., 30 cts. .......... 10

## SUNLIGHT ASTERS.

1446 This variety resembles in growth and form of flower the Pæony Perfection type, and is the only really yellow variety yet introduced .......... **15**

## WALDERSEE ASTERS.

1493 A perfectly distinct type, forming dense, globular plants from 8 to 9 inches high and literally smothered—over 200 flowers have been counted on a single plant—with small, double, flat flowers, each about an inch across, in a large variety of colors; of great value for edges of beds, pots, etc. 2 pkts., 25 cts .......... **15**

**We offer a splendid lot of Asters among other specialties on pages 58 to 68.**

Improved Victoria Aster

## IMPROVED VICTORIA ASTERS.

A magnificent class, either for bedding or for cutting. The plants form pyramidal bushes about 18 inches high, and bear during August and September large, beautiful imbricated flowers of perfect form, which are well shown in the illustration; one of the best. (See cut.)

| | | PER PKT. | | | PER PKT. |
|---|---|---|---|---|---|
| 1471 | **Scarlet** | 10 | 1474 | **Pink** | 10 |
| 1472 | **Purple** | 10 | 1475 | **White** | 10 |
| 1473 | **Light Blue** | 10 | 1477 | **Rose,** tinted white | 10 |

| | | |
|---|---|---|
| 1478 | **Collection** of the 6 colors offered above | 50 |
| 1479 | **Imported Collection** of 12 colors | 75 |
| 1480 | **Finest Mixed.** ¼ oz., 60 cts. | 10 |

## WASHINGTON OR GIANT VICTORIA ASTERS

A superb type with magnificent flowers, resembling the Victoria somewhat, but of larger size and more loosely arranged petals; plants grow 18 inches high, and their blooming period covers the largest part of August and September.

| | | |
|---|---|---|
| 1483 | **Azure Blue** | 10 |
| 1484 | **Bright Crimson** | 10 |
| 1485 | **Dark Violet** | 10 |
| 1486 | **Peach-blossom Pink** | 10 |
| 1487 | **Snow White** | 10 |
| 1490 | **Choicest Mixed.** ¼ oz., 75c | 10 |
| 1489 | **Collection.** A packet each of the 5 colors | 40 |

## DREER'S COLLECTION OF NINE FAMOUS AMERICAN ASTERS.

The varieties which make up this collection are so good that we include them in our list of Specialties and are fully described on pages 60 and 61.

| | | PER PKT. |
|---|---|---|
| 1281 | **Crego's Giant White.** The finest and largest of the fluffy flowered varieties | 15 |
| 1282 | **Crego's Giant Pink.** Similar to above but of a soft, shell-pink color | 15 |
| 1305 | **Dreer's "Crimson King."** A late-flowering sort, with handsome, rich blood-crimson flowers | 15 |
| 1311 | **Daybreak.** Of symmetrical growth; attains a height of 18 inches, and produces during August perfect globe-shaped flowers, of a delicate pink tint. | 15 |
| 1353 | **Lavender Gem.** One of the most beautiful Asters. With large, artistic, loosely-arranged flowers of the most charming shade of lavender imaginable | 15 |
| 1343 | **Dreer's "Pink Beauty."** The finest midseason pink Aster yet introduced | 15 |
| 1395 | **Purity.** Identical in every way to Daybreak, but of pure glistening white | 15 |
| 1482 | **Violet King.** Of the late branching type, with perfectly double flowers of a pleasing, soft shade of violet | 15 |
| 1494 | **White Fleece.** Large and perfect flowers, 5 inches and over across, formed into a plumy globe of glistening white | 15 |

1449 **Collection** of a packet each of above 9 famous Asters, $1.00.

## ASPARAGUS.

| | | |
|---|---|---|
| 1231 | **Plumosus Nanus.** This graceful Asparagus is an excellent house plant, succeeding under almost any conditions. $1.00 per 100 seeds | 25 |
| 1232 | **Sprengeri** (*Emerald Feather*). One of the best plants to grow in suspended baskets, window boxes, vases, etc., for the greenhouse in winter and outdoors in the summer. 50 cts. per 100 seeds | 10 |

## ASPERULA.

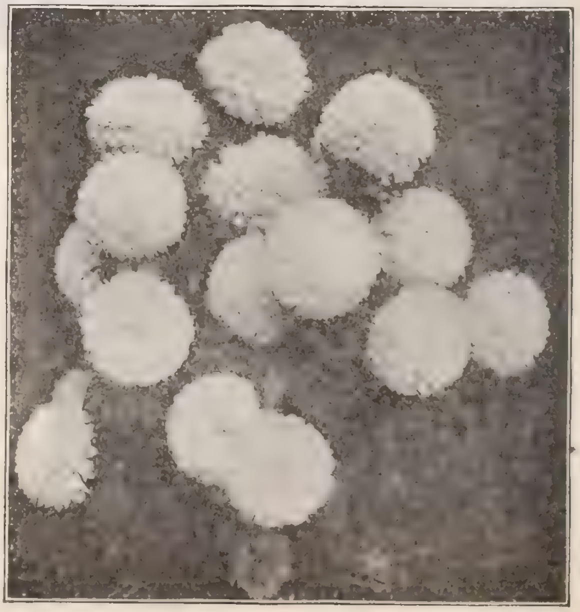
| | | |
|---|---|---|
| 1241 | **Odorata.** (*Sweet Woodruff.*) An old-fashioned favorite, grown for its fragrant leaves, which have an odor not unlike new-mown hay, and are used for putting among clothes, etc.; best grown in semi-shaded positions; flowers white. ¼ oz., 30 cts. | 10 |
| 1242 | **Azurea Setosa.** A splendid annual variety of easiest culture, not used as much as it should be; grows about 9 inches high and covered throughout the summer with light lavender-blue fragrant flowers; makes a splendid blue line. Oz., 30 cts | 5 |

## ASTILBE.

| | | |
|---|---|---|
| 1496 | **Davidii.** A hardy perennial with elegant foliage, and sending up graceful spikes of deep rose-violet flowers on stems 6 feet high, forming in the garden when established one of the most pronounced and effective plants of modern introduction. Easily raised from seed, flowering in 18 months from time of sowing | 25 |

## AURICULA (Primula Auricula).

| | | |
|---|---|---|
| 1500 | A well-known favorite of great beauty; seed saved from splendid choice mixed varieties; half-hardy perennial; 6 inches | 10 |



Daybreak Aster

Do not overlook the Asters offered on pages 59 to 61, also 7

## BALLOON VINE (Love-in-a-puff).

PER PKT

1525 A rapid-growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons and of great interest to children. (See cut.) Per oz., 25 cts.......... 5

## Double Camellia-flowered Balsams.

(Lady Slipper.)

An old and favorite garden flower, producing its gorgeous masses of beautiful brilliant-colored double flowers in the greatest profusion; of easy culture; succeeds in a good rich soil; tender annuals; 2 feet. Start the seed indoors in April or sow out-of-doors in May. To grow fine specimens they should not be closer than 18 inches apart. (See cut.)

1532 **Prince Bismarck.** Rich salmon-pink flowers; very double; of finest camellia-flowered type........................................ 10
1534 **Scarlet.** Brilliant fiery scarlet........................................ 5
1533 **Light Yellow**........................................ 5
1535 **Solferino.** Striped and spotted white, lilac and scarlet.......... 5
1536 **Violet.** Very rich........................................ 5
1537 **White Perfection** (*Alba Perfecta*). Very double, immense solid round flowers of purest white........................................ 10
1540 **Double Camellia-flowered.** Finest mixed. ¼ oz., 25 cts..... 5
1538 **Collection** of the 6 colors offered above........................ 30

Double Balsam.

## BAPTISIA (False Indigo).

1541 **Australis.** A beautiful hardy perennial herbaceous plant, producing pea-shaped flowers on spikes 6 inches long. Bright blue; 2½ feet. ¼ oz., 15 cts. ........................................ 5

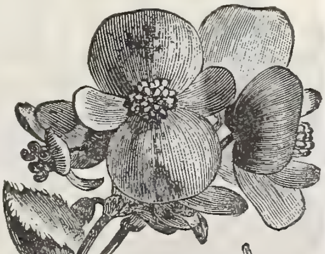
## BARTONIA (Golden Bartonia).

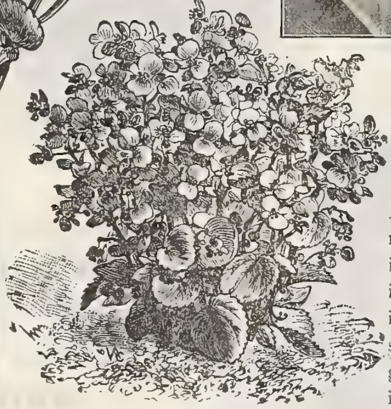
1551 **Aurea.** Producing showy golden-yellow flowers, fragrant at night, above its gray and downy thistle-like foliage, which is exceedingly brilliant in the sunshine. Sow in May where it is to remain, as it does not bear transplanting; annual; 2 feet. ¼ oz., 15 cts. 5

## ORNAMENTAL-LEAVED BEGONIA.

1566 **Rex Hybrids.** Beautiful varieties, with handsome variegated foliage Choice mixed .......... 25

Balloon Vine.





Begonia Semperflorens.

## BEGONIAS.

### Everblooming Bedding Varieties.

The following are varieties of *Begonia Semperflorens,* and take rank as bedding plants with geraniums and coleus, doing equally well in full sunlight, and surpassing both in positions partially or wholly in shade. They are of sturdy growth, growing about 1 foot high and forming dense bushes, which, from May until frost, are completely hidden with flowers. As pot plants for winter-flowering they are superb, remaining a sheet of bloom throughout the entire year. Easily-raised from seed, which should be started either indoors or in a hotbed. (See cut.)

PER PKT.

1562 **Erfordia.** Bright rosy carmine........................................ 25
1565 **Gracilis.** Handsome flowers of a delicate rose color.......... 15
1563 **Luminosa.** Brilliant fiery dark scarlet; very bright.......... 25
1571 **Vernon.** Bright orange carmine flowers, deep red foliage...... 10
1573 **Vernon Grandiflora.** A large flowering form of the above.... 15
1574 **Semperflorens, Double Mixed.** The seed here offered has been saved from one of the best collections in Europe.......... 25
1580 **Semperflorens, Single Mixed.** This mixture contains all the colors from pure white to the deepest crimson; splendid.......... 10

*Tuberous-rooted Begonias are offered on next page.*

**The Annual Larkspurs, shown in colors and offered on page 58, are one of the showiest plants in the garden.**

## TUBEROUS-ROOTED BEGONIAS.

Plants of great value for summer decoration or window gardening, blooming the first season from seed, if sown in February or March in a temperature of 60 degrees. To secure the best results they should be planted out as soon as the ground becomes warm. They are covered the whole summer with bright and elegant flowers.

PER PKT.

1567 **Frilled.** This strain is the finest of the tuberous-rooted section. The flowers are of large size, with beautifully frilled and wavy petals .......... 25

1570 **Single.** Extra choice mixed.......... 25

1568 **Double.** Extra choice mixed.......... 25

## BELLIS (English Daisy).

A favorite perennial plant, which will stand the winter if given the protection of a few leaves or litter; in bloom from early spring until well on in the summer. The seed we offer is saved from the finest double varieties; easily raised from seed; usually sown in July or August, but can be sown in spring, and for best results should be sown each year; 4 inches. (See cut.)

1591 **Longfellow.** Large double pink flowers.......... 10

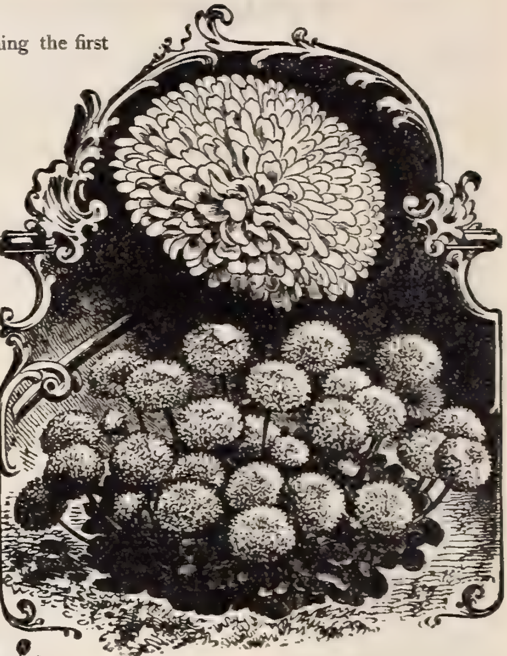
1592 **Giant Red.** Beautiful double flowers in different fine red tints.......... 10

1593 **Snowball.** A large and very double pure white.. 10

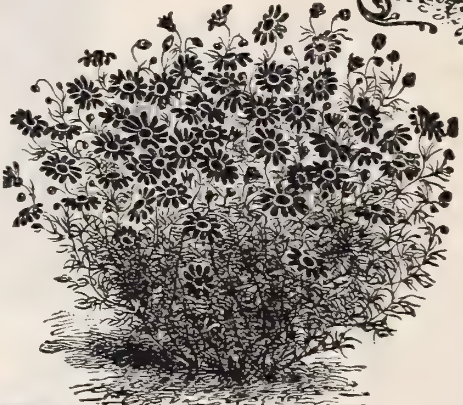
1596 **Giant Rose.** A superb variety, producing but 12 to 15 flowers to the plant, but these are of extraordinary size; of a beautiful bright rose.......... 25

1597 **The Bride.** A magnificent, very double, pure white, bearing its large flowers on extra long stems, making it of exceptional value for cutting. 2 pkts., 25 cts .... 15

1600 **Double Mixed.** All colors; of the finest quality. ⅛ oz., 50 cts.... 10



Bellis Perennis—Double Daisy.



Brachycome.

## BOCCONIA.

(Plume Poppy, or Tree-Celandine.)

PER PKT.

1611 **Cordata.** Effective, hardy perennial, for single specimens or groups on lawns. Foliage glaucous green, bears freely spikes 2 to 3 feet long of cream-colored flowers; 5 feet; easily raised from seed. ¼ oz., 15 cts.......... 5

## BOLTONIA (False Chamomile).

One of the showiest of our native hardy perennials, growing 4 to 6 feet high, with daisy-like flowers in countless thousands from July to September; very effective.

1615 **Asteroides.** White.......... 10

1616 **Latisquama.** Pink, tinged with lilac.......... 10

## BRACHYCOME (Swan River Daisy).

1620 Free-flowering, dwarf-growing annuals, covered during the greater part of the summer with a profusion of pretty blue or white flowers; suitable for edgings, small beds or pot culture; 9 inches. ¼ oz., 25 cts.......... 5

## BROWALLIA (Amethyst).

One of our favorite profuse-blooming bedding plants, covered with rich, beautiful winged flowers during the summer and autumn months, supplying a shade of intense blue very uncommon; grows freely in any rich soil; blooms finely in the winter if the plants are lifted in autumn and cut back.

1637 **Speciosa Major.** A beautiful flowering variety of the most brilliant ultramarine blue; a rare color; does finely outside in the border, or in hanging baskets or vases, but is especially valuable as a pot plant for winter and early spring flowering.......... 15

1635 **Elata Cœrulea.** Large sky-blue flowers with a white centre; 18 inches ... 5

1640 **Mixed.** All the elata varieties. ¼ oz., 25 cts.......... 5

Bryonopsis.

## BRYONOPSIS.

1641 **Laciniosa.** A beautiful annual climber of the gourd species, with ivy-like pale green foliage and showy fruit, first green striped white, turning when ripe to bright scarlet striped white; 10 to 20 feet. (See cut.).......... 5

**Tubers and Plants of the Various Begonias are offered under Garden and Greenhouse Plants.**

GROUP OF CALENDULAS.

## CALENDULA.

**(Pot Marigold.)**

This is the "Marygold" of Shakespeare's time; one of the best and showiest free flowering hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, particularly bright in late fall, continuing in bloom from early summer until killed by frost; valuable also for pot culture, blooming freely in winter and early spring; 1 foot. (See cut.) PER PKT.

1681 **Meteor.** Large double yellow, each petal striped with orange. Oz., 25 cts .......... 5

1684 **Prince Orange.** Like Meteor, but darker. Oz., 25 cts. 5

1682 **Orange King.** Very large double flowers of a dark orange-red. Oz., 25 cts .......... 5

1685 **Pure Gold.** A grand variety, with double extra large flowers of a pure golden-yellow. Oz., 30 cts.......... 5

1686 **Double Sulphur.** Very large and extremely double flowers of a pleasing sulphur-yellow color. Oz., 25 cts.. 5

1687 **Favorite.** Light sulphur, each petal striped with creamy-white; the lightest colored variety. Per oz., 25 cts.......... 5

1688 **Pluvialis** (*Cape Marigold*). A pretty single-flowering sort, white daisy-like flowers, under side of the petals lilac. Oz., 40 cts. 5

1683 **Pongei Fl. Pl.** Showy double white flowers. Oz., 40 cts.... 5

1690 **Mixed.** All the double sorts. Oz., 25 cts.......... 5

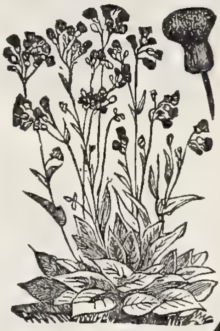
1689 **Collection** one packet each of the 8 separate sorts, 30 cts.

## CALIMERIS (Star Wort).

1694 **Incisa.** An attractive hardy perennial plant for the border; grows 12 to 18 inches high, producing from July to September daisy-like pale lavender flowers with yellow centre.......... 15

## CALLIRHOE.

1717 **Involucrata** (*Poppy Mallow*). A showy, trailing, hardy perennial, bearing continuously from early summer till fall large, bright crimson saucer-shaped flowers; looks best on the rockery, but can be used in front of the hardy border. ¼ oz., 25 cts.......... 5



CACALIA.

## CACALIA (Tassel Flower, or Flora's Paint Brush). PER PKT.

1650 A neat annual, of easy culture, with tassel-shaped flowers; blooms from June to September; fine for borders. Golden-yellow and scarlet mixed; 1½ feet. (See cut.) ¼ oz., 25 cts. 5

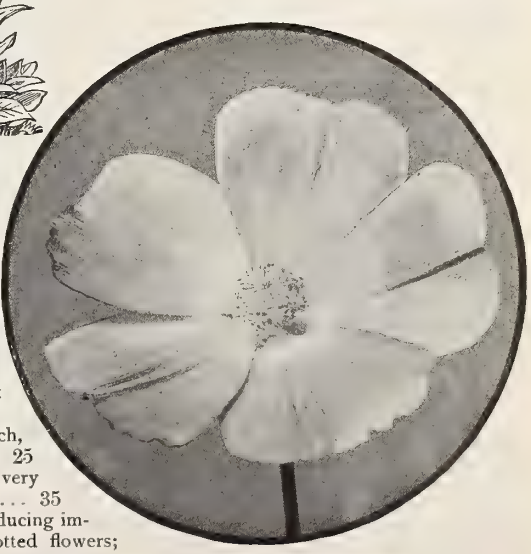
## CALCEOLARIA.

An ornamental plant, producing a mass of beautiful pocket-like flowers early in the spring, and a universal favorite for decorating the greenhouse or conservatory. Our strains have been grown especially for us, and can be relied upon to produce nothing but flowers of the largest size and most brilliant coloring.

1671 **Hybrida Grandiflora, Mixed.** Large-flowering, beautiful, rich, self-colored flowers; saved from a choice collection; 20 inches...... 25

1672 —— **Tigrina.** Large-flowering, tigered and spotted flowers; the very finest mixture of the most brilliant colors; 20 inches.......... 35

1673 —— **Pumila Compacta.** Of dwarf, compact, robust growth, producing immense trusses of large and varied, brilliant, self-colored and spotted flowers; 1 foot.......... 35



CALLIRHOE INVOLUCRATA.

**The Asters offered on pages 59 to 61 represent the highest development in this flower to date.**

## CAMPANULA (Bellflower).

Well known, beautiful hardy herbaceous perennials, bearing a great profusion of attractive Bellflowers; thriving best in light, rich soil; some of the varieties flower the first season if sown early. PER PKT.

1721 **Carpatica** (*Carpathian Hare-Bell*). Free flowering hardy perennial, continuing in bloom the whole season; color clear blue; grows 6 inches high; especially good for edging. ¼ oz., 25 cts. . . . . . . . . . . . 5
1720 — **Alba.** The white-flowered form of the above. ¼ oz., 25 cts. . . . . . 5
1722 **Latifolia Macrantha.** One of the handsomest of the Bellflowers; bearing in May and June large purplish-blue flowers, 3 ft. . . . . . . . . . . 15
**Medium** (Canterbury Bells), see page 81.
1724 **Persicifolia Grandiflora** (*Peach Bells*). Undoubtedly one of the finest of the hardy Bellflowers; grows 2 to 3 feet high, with large blue flowers . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 10
1725 — **Alba.** The white-flowered Peach Bells. . . . . . . . . . . . . . . . . . . . . . 10
1723 — **Gigantea Moerheimi.** A beautiful variety of the Peach Bells. The plants grow about 2 feet high, and in June and July bear spikes of large double pure white flowers. 3 pkts. for 50 cts. . . . . . . . . . . . . . 20
1728 **Pyramidalis** (*The Chimney Bellflower*). A beautiful stately hardy plant, either for garden or pot culture; blue salver-shaped flowers, 4 to 5 feet. ¼ oz., 30 cts. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 5
1729 — **Alba.** Same as above, but with white flowers. ¼ oz., 30 cts. . . . . .5
1731 **Rapunculoides.** Of graceful habit, 3 feet high, and bearing in June showy blue, bell-shaped blossoms. . . . . . .10
1732 **Trachelium** (*Coventry Bells*). A sturdy variety, 2 to 3 feet high, with large blue flowers in July and August. . . . . . . .5

Campanula Carpatica.

Campanula Persicifolia (Peach Bells).

Calliopsis Golden Wave.

## CALLIOPSIS.

Showy and beautiful free-flowering annuals, of the easiest culture, doing well in any sunny position, blooming all summer and excellent for cutting and massing. It is best to sow them where they are to bloom, thinning out to stand 6 inches to 12 inches apart. PER PKT.

1697 **Crimson King.** A splendid and showy variety, growing a foot high and covered all summer with rich crimson-garnet flowers. ¼ oz., 15 cts. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 5
1701 **Coronata.** Showy large pure yellow flowers; excellent for bedding, 18 inches. ¼ oz., 15 cts. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 5
1702 **Golden Wave** (*Drummondii*). Large, rich, golden-yellow flowers, with chestnut-brown centres, produced in great abundance. A border of this looks like a line of gold. (See cut.) ¼ oz., 15 cts. . . . . . . . . 5
1707 **Golden Ray.** This quaint little variety forms globular bushes not over 8 inches high, completely covered through a long season with bright, brown and golden-yellow flowers, which resemble in miniature a single Cactus Dahlia. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 10
1705 **Tiger Star.** A novel and pretty form, not over 8 inches high; flowers of rich, reddish-brown, the tips of the petals tigered with golden-yellow, not unlike some of the orchids. 2 pkts., 25 cts . . . . 15
1706 **Hybrida Superba.** Showy new hybrids, forming plants about 1 foot high, covered the entire season with miniature flowers, varying in color from pale yellow to dark velvety brown; quite distinct. . . . . . . . 10
1704 **Tinctoria.** Golden-yellow, with garnet eye. ¼ oz., 15 cts. . . . . . . . 5
1703 **Nigra Speciosa.** Rich crimson. ¼ oz., 15 cts. . . . . . . . . . . . . . . . . 5
1710 **Mixed.** All the choice Calliopsis in mixture. Per oz., 30 cts . . . . . 5
1709 **Imported Collection** of ten varieties of annual Calliopsis. . . . . . . 40

See also Coreopsis, page 87.

## CANNA (Indian Shot).

**Dwarf, Large-flowering French.** Unquestionably the finest of bedding plants for the American climate. The seeds here offered are all of our own saving. Soak the seeds in warm water until they show evidence of swelling, then sow in sandy loam, and place in a hotbed; when up to the second leaf, pot off singly and keep under glass until the proper season for planting out.

1799 **Collection** of a packet each of six grand standard sorts. . . . . . . . . . . 25
1790 **Mixed.** Saved from the finest sorts. Per oz., 20 cts . . . . . . . . . . . . . 5

*For roots or plants of Cannas see under Garden and Greenhouse Plants.*

## CANTERBURY BELLS (Campanula Medium).

Mrs. Ely, author of "The Woman's Hardy Garden," says:

"The seeds should be sown by mid-April in finely prepared, rich soil—the colors in separate rows—and if the weather is dry, they should be given a thorough watering late every afternoon. By the 15th of July the little plants should be transplanted, either to the places where they are to bloom the following summer, or else they may be set out temporarily in rows about a foot apart, the plants eight inches apart, and finally transplanted early in October. Some evergreen branches, or a little straw or coarse hay, thrown over them when the ground begins to freeze, makes all the winter covering these plants require. In the spring a little fine manure and some bone meal should be dug about each plant, and the stalks of bloom, which, if well cared for, will be nearly three feet in height, should be staked. If the flowers are cut immediately upon fading, the period of blooming can be prolonged to about six weeks."

**Calycanthema** (*Cup and Saucer Canterbury Bells*). This is unquestionably the finest type of this old-fashioned and much-prized garden plant. They differ from the ordinary type in having an extra large calyx, which is of the same color as the flower, giving the appearance of a cup and saucer. They are effective either in the garden or grown in pots for conservatory or table decoration. We offer them in separate colors as well as in mixture, viz:

| | PER PKT. | | PER PKT. |
|---|---|---|---|
| 1736 **Rose Pink.** Delicate rosy-pink | 15 | 1737 **Striped.** White striped blue | 15 |
| 1735 **Blue.** A fine, clear shade.... | 15 | 1738 **White.** Pure white...... | 15 |

A packet each of the above 4 colors, 50 cts.

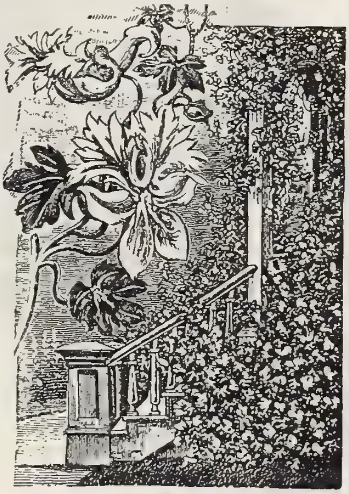
1740 **Finest Mixed.** All colors of the Cup and Saucer type. ¼ oz., 50 cts.. 10

**Medium** (*Single Canterbury Bells*). The old-fashioned sort, with beautiful, large bell-shaped blossoms; we offer four distinct colors and mixed, as follows:

| | |
|---|---|
| 1744 **Dark Blue** ............ | 10 |
| 1745 **Light Blue**............ | 10 |
| 1746 **Rose** ............ | 10 |
| 1747 **White** ............ | 10 |

A packet each of the 4 colors, 30 cts.

| | |
|---|---|
| 1743 **Single Mixed.** All colors. ¼ oz., 25 cts.............. | 5 |
| 1741 **Double Mixed.** All the double-flowering medium varieties. ¼ oz., 40 cts.... .......... | 10 |
| 1742 **Imperialis** (*Imperial Canterbury Bells*). A new type, being dwarfer and of more regular pyramidal form, making them valuable for pot culture. Many colors, the delicate shades predominating. 3 pkts., 50 cts..... | 20 |



Canary Bird Vine.

Campanula Medium (Canterbury Bells).

## CANARY-BIRD VINE.

(Tropaeolum Canariense.)

PER PKT.

1749 A beautiful rapid annual climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. (See cut.) Per oz., 30 cts.............................. 5

Empress Candytuft.

## CANDYTUFT.

Universally known and cultivated, and considered indispensable for cutting. All the varieties look best in beds or masses. Seed sown in autumn produce flowers early in spring; when sown in April, flowers in June; successive sowings should be made at intervals. Hardy and easy to grow. Single plants transplanted look well and bloom profusely; 1 foot.

| | PER PKT. |
|---|---|
| 1751 **Carmine.** Bright carmine rose. Oz., 50 cts....... | 10 |
| 1752 **Crimson.** Rich deep shade. Oz., 25 cts......... | 5 |
| 1753 **Empress.** The finest of all the white varieties, being a complete mass of pure white flowers, in a pyramid of bloom. (See cut.) Oz., 50 cts. ............... | 10 |
| 1755 **White Fragrant.** Flowers small, very sweetly scented. Oz., 25 cts............................ | 5 |
| 1756 **White Rocket.** Good spikes of pure white. Oz., 25 cts.................................... | 5 |
| 1757 **Lavender.** Delicate shade of rosy lavender. Oz., 25 cts.. ........................... | 5 |
| 1760 **Mixed Colors.** Oz., 20 cts.................. | 5 |
| 1767 **Tom Thumb, White.** 6 inches. ¼ oz., 15 cts.... | 10 |
| 1770 **Dwarf Hybrids, Mixed.** ¼ oz., 25 cts.......... | 10 |

*For perennial Candytufts see Iberis, page* 100.

## CARNATION.

Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable, both for greenhouse culture in winter and for the garden in summer. The Marguerite and Chabaub's type are the best for summer-flowering.

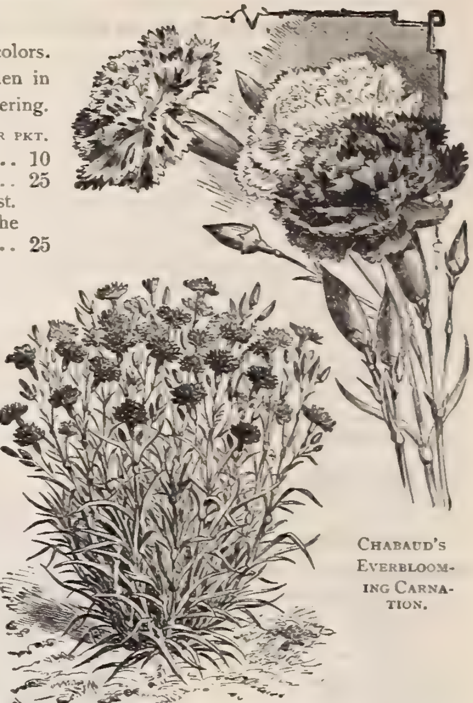
PER PKT.

1850 **Fine Double Mixed.** A good strain for outdoor culture.............. 10
1840 **Finest Double Mixed.** Saved from extra fine flowers................ 25
1831 **Chabaud's Everblooming.** Raised by a famous French specialist. Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely. Mixed colors. (See cut.).............. 25

## MARGUERITE CARNATIONS.

These are deservedly the most popular Carnations with the amateur, as they begin flowering in a few weeks from time of sowing. The strain offered is of extra fine quality, producing on long, strong stems an abundance of large, double, beautifully fringed, highly-scented flowers; with slight protection they will survive an ordinary winter and bloom freely the following spring.

1811 **Deep Crimson**......... 10 | 1814 **Fiery Scarlet**.......... 10
1812 **Sulphur Yellow**........ 10 | 1815 **Striped**................. 10
1813 **Bright Rose**........... 10 | 1816 **Pure White**............. 10
1818 **Collection** of 1 pkt. each of the above 6 colors.................. 50
1820 **Mixed.** All colors Marguerite Carnations. ¼ oz., 40 cts........ 5



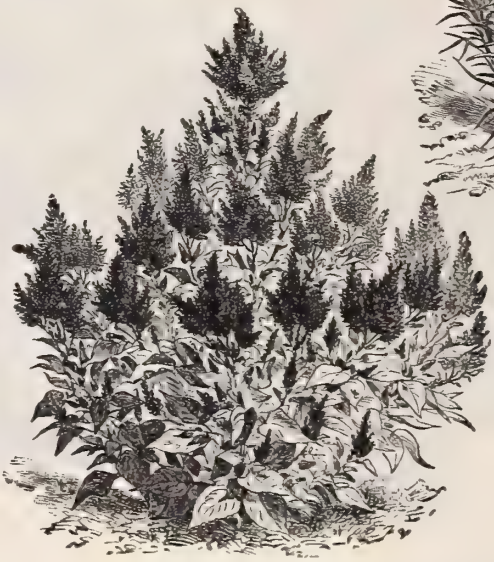
Chabaud's Everblooming Carnation.

## Giant Marguerite Carnation.

1830 An improved strain, producing flowers of immense size, frequently measuring 2½ to 3 inches across. Strong, vigorous growers, and wonderfully free flowering; mixed colors. ¼ oz., 50 cts...........10

## CASSIA.

1807 **Marilandica** (*American Senna*). A most desirable hardy perennial of shrub-like growth, 3 to 4 feet high, with beautiful light green pinnate foliage and large panicles of pea-shaped yellow blossoms in July and August. Per oz., 30 cts. 10



Celosia Thompson's Superb.

## CELOSIA CRISTATA.

(Cockscomb.)

Free-blooming annuals, growing best in rather light soil, not too rich; make grand border plants and are attractive for pots. Seed can be sown under cover in early spring and planted out in May, or may be sown out of doors in May.

PER PKT.

1851 **Empress.** Rich crimson; combs of colossal proportions. ¼ oz., 50 cts.................. 10
1852 **Glasgow Prize.** Immense, showy dark crimson combs. ¼ oz., 50 cts.................. 10
1853 **Queen of the Dwarfs.** This we consider the finest of the dwarf-growing Cockscombs. The plants grow only 8 inches high, with beautiful dark rose-colored combs, measuring under good cultivation 2 feet across. ¼ oz., 50 cts.................. 10
1854 **Variegata.** Variegated with crimson, orange, green, striped, etc., of the most brilliant hues; 3 feet .. .... 5
1860 **Dwarf, Mixed.** Fine dwarf varieties. ¼ oz., 25 cts. 5
1858 **Imported Collection** of 6 dwarf Cockscombs, 25 cts.

Celosia Cristata Glasgow Prize.

## CELOSIA PLUMOSA.

(Feathered Cockscomb.)

Make fine plants for large beds or groups, and the plumes or flowers can be cut and dried for winter bouquets. Should be treated exactly the same as the Cockscombs described above.

1867 **Thompson's Superb** (*Triomphe de l'Exposition*). Of pyramidal growth, attaining a height of 3 feet, and producing graceful, feathery plumes of the most brilliant crimson. In sunlight the rich color of the flower spikes is beautifully contrasted with the bronze-colored foliage. ¼ oz., 25 cts.................... 10
1868 **Thompsoni Magnifica.** Similar to the preceding except in color, which vary in the most magnificent shades, ranging from the clearest yellow to the darkest blood-red. ¼ oz., 40 cts........................ 15
1866 **Golden Plume.** Bright, golden-yellow plumes. ¼ oz., 25 cts........................................ 10
1870 **Plumosa, Mixed.** Feathered varieties in all colors. ¼ oz., 20 cts........................................ 5

**The Annual Larkspurs, shown in colors and offered on page 58, are deserving of extensive culture.**

# CENTAUREAS.

Under this name is included such popular annuals as the Cornflowers, Sweet Sultans, etc. They are favorites in all sections of the country, are perfectly hardy, will grow and do well almost anywhere, and are much in demand as cut flowers.

Centaurea Cyanus (Cornflower).

## CORNFLOWERS (Centaurea Cyanus).

These are also known as Bachelor's Buttons, Blue Bottle, Ragged Sailor, Bluet, Kaiser Blume, and sometimes as Ragged Robbin, but which name belongs to one of the Lychnis and frequently results in confusion. It is always best to order by the botanical names. They are well known to every flower lover and always included in old-fashioned gardens. They usually re-seed themselves, coming up year after year. A bunch of the blue sorts, with a few yellow Marigolds, Calendulas or California Poppies, make a very rich combination.

| | | PER PKT. |
|---|---|---|
| 1876 | **Cyanus Blue.** The favorite dark blue sort so much in demand for cutting. Per oz. 25 cts. | 5 |
| 1877 | — **Rose.** Per oz., 25 cts. | 5 |
| 1878 | — **White.** Per oz., 25 cts. | 5 |
| 1880 | — **Mixed.** Blue, white, rose, etc. Per oz., 20 cts. | 5 |
| 1881 | — **Double Blue.** This was introduced by us in 1907, and is now a standard variety and largely used by the commercial florist, who quickly recognized its value as a cut flower. It is identical in color to the popular single blue variety, which is so much in demand for cutting, especially for buttonieres, but, being a full, double flower, it takes fewer of them to make a nice bunch, and is better in every way. ¼ oz., 50 cts. | 15 |
| 1890 | — **Double-flowered Mixed.** All colors, including blue, rose, white, etc. Per oz., 50 cts. | 5 |

## ROYAL SWEET SULTANS.

(Centaurea Imperialis).

This beautiful class is undoubtedly the finest of all Sweet Sultans for cut-flower purposes. The beautiful sweet-scented, artistic-shaped flowers are borne on long, strong stems, and when cut will stand for several days in good condition. It is best, in this latitude, to sow very early in the spring, so that they may perfect their flowers before very hot weather comes. (See cut.) We offer the following distinct colors:

| | | PER PKT. |
|---|---|---|
| 1891 | **Brilliant Rose** | 10 |
| 1892 | **Dark Rose** | 10 |
| 1893 | **Deep Lavender** | 10 |
| 1894 | **Deep Purple** | 10 |
| 1895 | **Delicate Lilac** | 10 |
| 1896 | **Pure White** | 10 |
| 1899 | **Collection** containing a packet each of the 6 colors | 40 |
| 1900 | **Finest Mixed Colors.** ¼ oz., 15 cts. | 5 |

## VARIOUS CENTAUREAS.

| | | |
|---|---|---|
| 1874 | **Americana** (*Basket Flower*). A splendid native variety, growing 3 feet high and bearing immense thistle-like blooms of a rosy-lavender color. Very showy in the mixed border and splendid for cutting. ¼ oz., 25 cts. | 5 |
| 1901 | **Suaveolens** (*Yellow Sweet Sultan, or Grecian Cornflower*). Very showy, large, bright-yellow flowers; sweetly-scented. ¼ oz., 20 cts. | 5 |

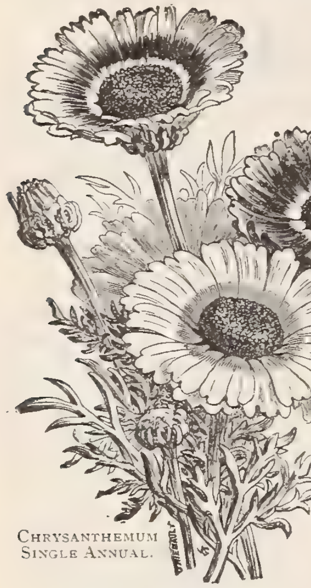
## WHITE-LEAVED CENTAUREAS.

(Dusty Millers.)

Fine for bedding, vases, hanging-baskets and pots; also extensively used for margins. As an edging to a bed of dark-leaved Cannas or Scarlet Sage these are particularly effective. Sow the seed early indoors and transplant in May. *The white-leaved Cinerarias are also known as Dusty Millers.* See p. 85.

| | | |
|---|---|---|
| 1871 | **Candidissima.** Silvery white; leaves broadly cut. Per 1000 seeds, 50 cts. | 10 |
| 1872 | **Gymnocarpa.** Fine-cut silvery foliage; 1½ feet. Per 1000 seeds, 30 cts. | 10 |

Centaurea Imperialis (Royal Sweet Sultan).



Chrysanthemum Single Annual.

## CENTROSEMA

(Butterfly Pea).

PER PKT.

1904 **Grandiflora.** A hardy perennial vine of rare beauty, which blooms in July from seed sown in April, and bears in great profusion inverted pea-shaped flowers ranging in color from a rosy violet to a reddish purple, with broad, feathery white marking through the centre. . . . . . . . . . . . . . 10

## CERASTIUM.

(Snow in Summer.)

1911 **Tomentosum.** A very pretty dwarf, white-leaved edging plant, bearing small white flowers; hardy perennial . . . . . . . . . . . . . . . . . . . . 15

## CHRYSANTHEMUMS.

### ANNUAL VARIETIES.

Showy and effective garden favorites, extensively grown for cut flowers. The hardy annuals are summer-flowering border plants, and quite distinct from the hardy perennial and autumn flowering varieties.

PER PKT.

1925 **Inodorum Plenissimum** (*Double White Mayweed*). Makes a bushy plant about 2 feet high, with fine feathery foliage and pure white, intensely double flowers, which are produced from midsummer till frost; splendid for cutting. ¼ oz., 25 cts. 10

1924 — — **"Bridal Robe."** This is a fine dwarf, compact form of the above. 1 ft. 15

1926 **Segetum, Evening Star** or **Helios** (*Corn Marigold, or Annual Golden Marguerite*). A splendid variety for cutting, flowers 3 inches across, of pure golden-yellow; in general appearance resembles the yellow Paris Daisy. ¼ oz., 25 cts. . . . 10

1923 **Coronarium Double Mixed.** Yellow, white, etc. (See cut.) Oz., 30 cts. . . . . 5

1930 **Single Mixed** (*Painted Daisies*). Many colors. Oz., 30 cts. . . . . . . . . 5

1929 **Imported Collection** of 8 summer-flowering annual varieties . . . . . . . . . . . . . . . 30

## CHRYSANTHEMUMS.

### PERENNIAL VARIETIES.

PER PKT.

1941 **Frutescens Grandiflorum.** (*"Paris Daisy," or Marguerite.*) White, yellow eye . . . . . . . . . . . . . . . . . . . . . 10

1942 **Comtesse de Chambord** (*Yellow Paris Daisy*). Similar to the above except in color, which is a beautiful clear yellow. . . . . . . 10

1944 **Japanese Hybrids.** The seed here offered has been saved from a magnificent collection. Seed sown in spring will produce flowering plants by fall . . . . . . . . . . . . . . . . . . . . . . 15

1951 **Hardy Pompon.** A fine strain of the old-fashioned hardy fall-flowering sorts, with double button-like blossoms. Mixed colors. . 15

1947 **Maximum "Triumph"** (*Moonpenny Daisy*). Blossoms of the purest white, with yellow centres, and borne on long, strong stems, lasting a long time when cut; perfectly hardy. ¼ oz., 25 cts. . 10

1946 **King Edward VII.** The finest Moonpenny Daisy, with flowers of extraordinary size, of purest white, perfect form, and exceedingly free-flowering A splendid addition to this useful hardy perennial. 2 pkts. for 25 cts. . . . . . . . . . . . . . . . . . . . . . . . . . . . 15

## Burbank's Shasta Daisies.

(Chrysanthemum Leucanthemum Hybridum.)

It is now nearly 10 years since Mr. Burbank sent out the first Shasta Daisy. Since then it has been steadily improved by selection, until to-day it is much superior to the original type. We offer the following, received direct from Mr. Burbank:

PER PKT.

1948 **Alaska.** A splendid variety, with flowers rarely less than 5 inches across, of the purest glistening white, with broad, overlapping petals, and borne on long, strong stems; a beautiful cut flower, remaining in good condition a week or more. 5 pkts., $1.00 . . . . . . . . 25

1950 **Shasta Daisy.** A general mixture saved from a large number of extra choice hybrids, and certain to produce a large number of varieties of great merit. 3 pkts., 50 cts. . . . . . . . . . . . . . 20

Shasta Daisy Alaska.

Chrysanthemum Coronarium.

Plants of Chrysanthemums will be found offered under their proper heads. See Index pages 2 and 3,

## CINERARIA.

Seed should be sown from May to September for succession. Where only one sowing is made, July should be preferred. Cinerarias grow so freely that the seedings may go straight from the seed-pans to thumb-pots. After transplanting, place in a cold frame facing north, if possible. When the pots become full of roots, shift into larger ones till the flowering size is reached. Our Prize strain is justly celebrated for all good qualities, being especially noted for size, coloring and texture. (See cut.)

PER PKT.

1963 **Dreer's Prize Dwarf.** Extra fine........ 35

1964 **Dreer's Prize Tall.** Very large flowers.... 35

1961 **Matador.** The new, large flowering scarlet, which adds considerable life and brilliancy to a collection.................................. 35

1966 **Stellata** (*Star Cineraria*). A charming variety, with large spreading panicles of starry flowers in the same variety of colors as the ordinary Cineraria; the extreme grace and elegance of the plant and flowers make them wonderfully effective for the decoration of the house and conservatory, and especially so for church decoration; also useful for cutting...... 25

DREER'S PRIZE CINERARIA.

## Cineraria, White-leaved Sorts.

(Dusty Millers.).

These as well as the white-leaved Centaureas offered on page 83 are called "Dusty Millers." Fine for bedding, ribbon-beds and margins; prized for their beautiful downy, silvery foliage; half-hardy perennials; 2 feet.

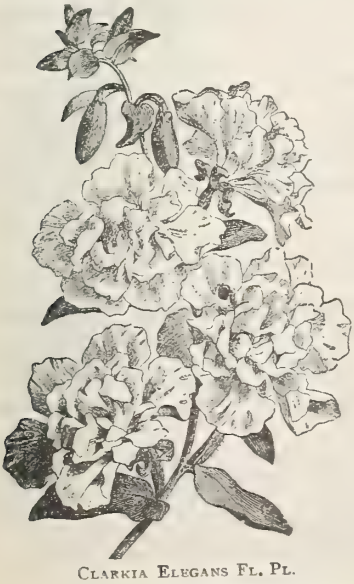
1971 **Maritima Candidissima.** Silver foliage. ¼ oz., 20 cts....... ... ..... 5

1972 **Acanthifolia.** Silver foliage, beautifully cut. ¼ oz., 30 cts....... .. ........ 10

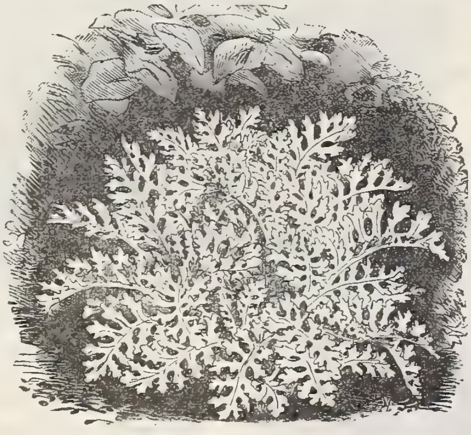
## CLIANTHUS

(Australian Glory Pea).

2011 **Dampieri.** A beautiful tender perennial Shrub, bearing clusters of drooping, brilliant rich scarlet, pea-shaped flowers, 3 inches in length, each flower picturesquely marked with a large black blotch in the centre ....... 15



CLARKIA ELEGANS FL. PL.



CINERARIA MARITIMA.
(Dusty Miller.)

## CLARKIA.

This pretty and easily grown annual has been much improved in recent years, and the varieties offered below are now seen as cut flowers in most of the large cities of Europe; they do well either in sun or shade, growing 2 to 2½ feet high, with leafy racemes of double flowers, which all open in water when cut. (See cut.)

PER PKT.

1981 **Elegans Alba Fl. Pl.** Very double, pure white. .. .. 10

1982 **Salmon Queen.** Extra double, salmon pink........ 10

## CLEMATIS.

Excepting *Davidiana*, these are rapid-growing climbers; fine for arbors and verandas. The seeds are slow to germinate, and should be soaked in warm water for 24 hours before sowing; hardy perennials.

1986 **Davidiana.** A shrubby, hardy, herbaceous variety, and one of the choicest plants for the hardy border; bears lavender-blue tubular flowers during August and September; very fragrant........................................ 10

1988 **Paniculata** (*Japanese Virgin's Bower*). This is one of the best hardy climbers. The leaves are of a bright, glossy-green, and when in bloom the plant is completely hidden beneath a blanket of white, hawthorne-scented blossoms; a grand plant for piazzas, fences; in fact, any position where a climber is wanted; it is just the thing for covering terraces or embankments, does equally well in sunshine or shade, and stands unrivalled as a plant for the cemetery. Per ¼ oz., 25 cts. .... ................................ 10

1990 **Hybrida Grandiflora.** Saved from a magnificent collection of the finest large-flowering sorts.............................................. 10

## CLEOME (Giant Spider Flower).

2001 **Pungens.** Singular-looking, rose-colored flowers; the stamens look like spiders' legs, and present a very attractive appearance; annual; 3 feet. This plant is now used extensively in many of the public parks, planted among shrubbery, and is very effective. Per ¼ oz., 15 cts ........................ 5

**The Asters offered on pages 59 to 61 represent the highest development in this flower to date.**

## COBÆA (Cups and Saucers Vine).

A climber of rapid growth, attaining a height of 30 to 50 feet during the season, valuable for covering trellises, arbors, trunks of trees, etc.; will cling to any rough surface. In sowing, place seeds *edgewise* and merely cover with light soil; to get early results start the seed indoors in March or April; can also be sown out-of-doors in May. (See cut.) PER PKT.

2021 **Scandens.** Large, bell-shaped purple flowers. Per ¼ oz., 25 cts ..... 10

2022 **Scandens Alba.** Pure white.......... ...................... . 10

## COCCINEA INDICA (Scarlet-fruited Ivy-leaved Climber).

2031 A handsome annual climber of the gourd species, with beautiful, smooth glossy, ivy-like leaves, contrasting with the fine, snow-white, bell-shaped flowers and brilliant carmine fruit; 10 feet. ......................... 10

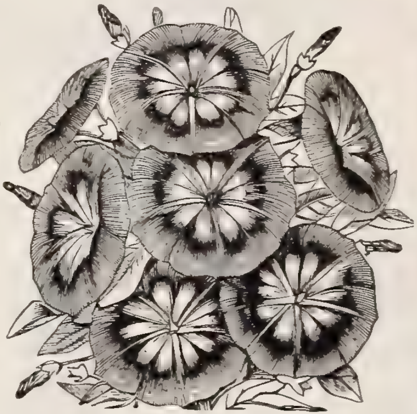
## COLEUS (Flame Nettle).

2040 **Dreer's Hybrids.** Our strain of hybrid varieties produces the finest colored, most attractive and novel foliage plants for house or garden culture. A most interesting subject to grow from seed. Easily raised. Sow in March or April.. ......... .. ....... .... 25

2041 **Ornatus.** Splendid large-leaved variety, with strikingly handsome foliage, which is irregularly spotted and marbled with blackish purple, blood-red, carmine and rose, and sprinkled with white, yellow, green and brown; of great value for all decorative purposes. .... 25

## CUPHEA.

2115 **Platycentra** (*Cigar Plant*). An old and favorite plant for the summer flower garden; useful also for baskets, vases, etc.; bearing innumerable vermilion tube-shaped flowers. Easily raised from seed, which should be sown in early spring in greenhouse, hotbed or window .. 15


Convolvulus Minor (Dwarf Morning Glory).

Cobæa Scandens.

Convolvulus Major (Morning Glory).

## CONVOLVULUS (Morning Glory).

### Major, or Climbing Varieties.

Deservedly very popular, as they are one of the most free-flowering and rapid-growing plants in cultivation, thriving in almost any situation; the beauty and delicacy of their brilliant flowers are unsurpassed. Soaking the seeds in warm water for an hour or two hastens germination; annuals; 15 feet. (See cut.) PER PKT

2060 **Mixed.** All colors. Per oz., 15 cts............. 5

2061 **Double Flowering.** About 80 per cent. of the seedlings will produce double flowers, the remainder semi-double or single. Per oz., 40 cts............ 10

2059 **Imported Collection** of 10 varieties............ 3

*Imperial Japanese or Emperor Morning Glories are offered on page* 100.

## Minor, or Dwarf Morning Glories.

While these are called dwarf Morning Glories, they really remain open all day in fine weather, and are rich colored, handsome dwarf plants, and not as well known as they should be; they make a fine border, or can be grown in masses in beds, producing an unusually brilliant effect. (See cut.)

2053 **Minor Roseus Superbus.** A very attractive sort, with glistening satiny rose-pink flowers. Per oz., 25 cts........... .... .................... 5

2052 **Minor Tricolor, Mixed.** A very large range of color, from pure white to deep purple; annual; 1 foot. Per oz., 15 cts............................... 5

**Hints on the making and care of Cold-Frames and Hotbeds are given on page 4.**

Coreopsis Lanceolata Grandiflora.

## COSMOS.

Beautiful autumn-blooming plants. They produce thousands of beautiful flowers in pure white, pink and crimson shades, furnishing an abundance of cut blooms for autumn decoration when other flowers are scarce. Should be sown in spring in the open ground, when danger of frost is past, or the seed may be started under cover and afterwards transplanted. Plant not less than 18 inches apart in rows or in masses in beds. When the plants are about a foot high the tops should be pinched out to induce a bushy growth. They prefer a rather light, not too rich soil, but do well almost anywhere.

**Mammoth Perfection Cosmos.** A magnificent selection, bearing flowers of mammoth size and perfect form, and representing the highest development in Cosmos to date. We offer it in the following colors:

| | | PER PKT. |
|---|---|---|
| 2081 | **Crimson.** Rich and deep. ¼ oz., 25 cts. | 10 |
| 2082 | **Light Pink.** A popular color. ¼ oz., 25 cts. | 10 |
| 2083 | **Pure White.** ¼ oz., 25 cts. | 10 |

A packet each of the three colors, 25 cts.

| | | |
|---|---|---|
| 2090 | **Mixed Mammoth Perfection.** ¼ oz., 20 cts. | 10 |
| 2084 | **Gigantic-flowering "Lady Lenox."** This, the latest development in this popular autumn flower, bears gigantic flowers, with wide, overlapping petals of splendid substance, making a perfectly circular flower, which is borne on very long stems, in color a beautiful deep rosy-pink. The plant is of strong, vigorous growth, 6 to 7 feet high. ¼ oz., 40 cts. | 10 |
| 2100 | **Large-flowering, Mixed.** ¼ oz., 15 cts. | 5 |
| 2092 | **"Klondyke."** Golden yellow, flowers borne on long stems and measure from 2½ to 3½ inches across. To get this variety in bloom before frost in the States north of Virginia it should be grown in pots or boxes, so that the roots are confined, thus throwing it into flower | 10 |

## EXTRA EARLY COSMOS.

Seeds sown in the open ground April 27th produced plants that were covered with bloom July 2[illegible]th, two months before the late-flowering kinds. While the flowers are not so large as the late sort, they are of good size, and will undoubtedly perfect their flowers in the most northerly States.

| | | PER PKT. |
|---|---|---|
| 2091 | **Dawn.** White, flushed pink | 10 |
| 2094 | **Deep Crimson.** Very rich. | 10 |
| 2095 | **Pink.** A pretty shade | 10 |
| 2096 | **Pure White.** | 10 |

A pkt. each of the 4 colors for 30 cts.

| | | |
|---|---|---|
| 2097 | **Mixed.** All colors, ¼ oz., 25 cts. | 10 |

## COREOPSIS.

| | | |
|---|---|---|
| 2071 | **Lanceolata Grandiflora.** This is one of the finest of hardy plants, with large, showy, bright yellow flowers produced in the greatest abundance from June till frost. As a cut flower they stand near the head among hardy plants, having long stems and lasting in good condition a week or more. Easily grown from seed, flowering the first year if sown early. (See cut.) Per ¼ oz., 25 cts | 10 |

## COWSLIP (Primula Veris).

| | | |
|---|---|---|
| 2110 | **Mixed.** A beautiful hardy spring-flowering perennial; flowers of different colors, such as yellow, brown edged yellow, etc. Very fragrant; 6 in. | 10 |
| 2112 | **Invincible Giant.** Quite distinct from the ordinary Cowslip both in the stronger growth of the plant and in the massive flowers, which are borne on stout stems 12 to 15 inches high. The colors range from pure yellow and orange to the deepest scarlet and crimsons. | 25 |

## CYPERUS (Umbrella Plant).

| | | |
|---|---|---|
| 2141 | **Alternifolius.** An excellent plant for growing in water and damp places; makes a very ornamental house plant, always presenting a green and attractive appearance | 10 |

Mammoth Perfection Cosmos.

**For free and continuous blooming few Annuals excel Larkspurs. See colored plate and offer on page 58.**

Giant Cyclamen.

## CYCLAMEN.

Charming plants, with beautiful foliage and rich colored, fragrant flowers; universal favorites for winter and spring blooming. The Giant varieties have large leaves and stout flower stalks, throwing the flowers well above the foliage. Seed may be sown any time during the spring or autumn. The strains we offer are unsurpassable.

| | | PER 100 SEEDS. | PER PKT. |
|---|---|---|---|
| 2120 | **Persicum.** A very fine strain, not so large, but easier to grow than the Giants, mixed colors....... | $0.60 | 15 |
| 2125 | **Giant Pure White**......................... | 1.00 | 25 |
| 2126 | — **White** with carmine eye..................... | 1.00 | 25 |
| 2127 | — **Dark Blood=red**......................... | 1.00 | 25 |
| 2128 | — **Delicate rose** with deep crimson eye......... | 1.00 | 25 |
| 2130 | — **Finest Mixed.** Saved from a superb collection | 1.00 | 25 |
| 2122 | **Wonder of Wandsbek.** The new salmon-colored giant-flowering variety, the brightest of all.................. | | 35 |
| 2123 | **Butterfly.** In this type the edges of the flowers are beautifully fringed or waved; for house or conservatory decoration they are of surpassing beauty. Mixed colors.................... | | 50 |
| 2121 | **Double=flowering.** A really double-flowering Cyclamen, coming quite true from seed; the flowers are produced with the same freedom and in the same beautiful colors as in the single flowering sorts....................................... | | 35 |

## Cypress Vine.

**(Ipomoea Quamoclit).**

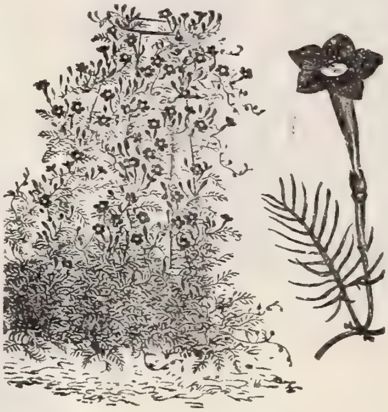
One of the most popular vines, with very delicate fern-like foliage, and masses of beautiful, small, star-shaped flowers. Sow in May, first soaking the seeds in warm water for a few hours. 15 feet. (See cut.)

2156 **Scarlet.** Per oz., 25c 5

2157 **White.** Per oz., 25c 5

2155 **Scarlet Ivy=leaved.** A rapid climbing variety, with deeply lobed, ivy-like leaves and small scarlet flowers. Per oz., 25 cts. ...... 5

2160 **Mixed.** White and scarlet. Per oz., 25c. 5



Cypress Vine.

## DAHLIA.

One of the best late summer and autumn flowering plants, and now enjoying a wide popularity; the double sorts will bloom the first season if the seed is sown before the beginning of April; the single sorts will bloom from seed sown in the open ground as late as June, although an earlier start is better. PER PKT.

2186 **Twentieth Century, or Orchid-flowered.** A most sensational introduction. In size the flowers are giants, 4¼ to 7 inches across, and in color vary from almost pure white to deep crimson-lake. The stock we offer was saved from nothing but the finest flowers of the true type, but, like most Dahlias, are likely to come somewhat variable. (See cut.) 2 pkts. for 25 cts.............................................. 15

2181 **Colossal.** A French strain, producing mammoth single Pæony-like flowers in a bewildering range of colors... 20

2185 **Collerette.** A novel type, having a row of short petals around the disc like a frill or collar, and which is always of a different color to the regular petals; mixed colors.................................. 15

2182 **Single Giant Perfection.** This strain produces flowers of immense size, averaging 6 inches across, in a great variety of coloring. ¼ oz., 50 cts... 15

2190 **Single Mixed.** All colors, ¼ oz, 25 cts..... 5

2184 **Single Tom Thumb.** Of neat, compact and dwarf habit; very free-flowering, invaluable for cutting purposes, and admirably adapted for planting in masses and for border decoration........... 10

2188 **Imported Collection** of 6 distinct single sorts.... 50

2196 **Double Cactus.** This tpye is very desirable. Many colors. ⅛ oz., 50 cts........ ........................ 15

2197 **Double Pompon.** Small-flowering; finest mixed......... 10

2200 **Double Large-flowering.** Saved from fine show and fancy sorts. ¼ oz., 50 cts........................ ............. 10

Twentieth Century Dahlia.

**We are Dahlia specialists, and our collection of Roots and Plants is unsurpassed. See list under Garden and Greenhouse Plants.**

## DELPHINIUM (Hardy Perennial Larkspur).

Mr. W. C. Egan, the well-known amateur and writer on horticultural subjects, says of Delphiniums:

"I know of no more enchanting pastime for a lover of flowers than raising seedlings of these, watching the birth and developments of the newly-created blooms, selecting and marking the choicer ones and destroying those not up to grade.

"Sow the seeds in early spring indoors or in hot-beds in shallow boxes. When the seedlings are from one-half to three-quarters of an inch high, transplant to flats about three inches deep; plant three or four inches apart each way, and a week or ten days before planting out time remove the flats to open air, protecting them cold days or nights; this hardens them off and prevents any set-back when planted out.

"Spring-sown plants bloom in July and August. They take up very little room, for they may be planted six to eight inches apart the first season. The following spring the choicer ones may be planted in permanent quarters in groups of three or more, or in larger groups in the shrubbery border or to the rear of hardy perennials, two or three feet apart. In two or three years they should be taken out, the bed heavily manured, the plants reset and more room given each plant. A large group of darker colors and one of the lighter tints are very effective."

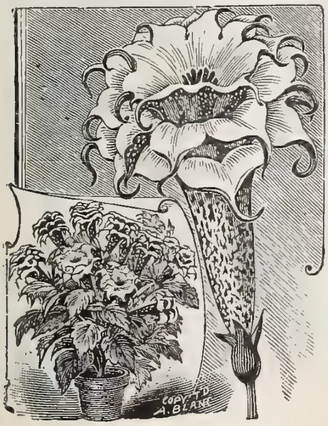
They can also be sown in the open ground in spring as soon as the frost is out, but would not likely flower until the second year.

We offer below a select list of the standard varieties. We also offer with other Novelties and Specialties on pages 58 to 68 a number of the very choicest of the newer named hybrids:

GOLD MEDAL HYBRID DELPHINIUM.

| | | PER PKT. |
|---|---|---|
| 2238 | **Gold Medal Hybrids.** This is an extra fine strain of large flowered hybrids. The plants are of strong, vigorous habit, with immense spikes from 2 to 3 feet long of large flowers, mostly in fine shades of light blue. ¼ oz., 50 cts. | 15 |
| 2218 | **Belladonna** (*Everblooming Hardy Larkspur*). This is the freest and most continuous blooming Hardy Larkspur, never being out of flower from the end of June until frost. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower, and no hardy border is complete without a liberal planting of this really exquisite Larkspur. 5 pkts., $1.00 | 25 |
| 2223 | **Chinense** (*Blue Butterfly*). A distinct and neat variety, growing about 18 inches high, with fine feathery foliage, and producing freely spikes of large blossoms of intense gentian-blue. ¼ oz., 20 cts. | 5 |
| 2222 | **— Album.** The white-flowered form of the preceding. ¼ oz., 20 cts. | 5 |
| 2225 | **Elatum** (*Bee Larkspur*). Rich blue of various shades with black centres; grows 3 to 5 feet high, according to soil and location | 10 |
| 2226 | **Elatum Cœlestinum.** Sky-blue, with dark centre; very effective | 15 |
| 2231 | **Formosum.** Beautiful spikes of rich blue flowers, with a white centre; 2½ feet. Per ¼ oz., 25 cts. | 5 |
| 2232 | **— Cœlestinum.** Exquisite celestial blue, with white centre; a beautiful variety. ¼ oz., 50 cts. | 15 |
| 2234 | **Nudicaule.** Dwarf, compact growth, with spikes of bright scarlet flowers; 18 inches | 10 |
| 2221 | **Cashmerianum.** A beautiful dark blue, blossoms in corymbs of 6 or more; 15 inches | 15 |
| 2236 | **Grandiflorum Fl. Pl.** Finest double mixed in great variety of charming colors. ¼ oz., 50 cts. | 15 |

*For New Named Hybrid Delphiniums, see Novelties and Specialties, pages* 58 *to* 68.



DATURA CORNUCOPIA.

## DATURA (Trumpet Flower).

Ornamental annuals, with large and showy flowers, making handsome plants, 2 to 3 feet high.

| | | |
|---|---|---|
| 2214 | **Double Golden.** Deep golden-yellow; delightfully fragrant | 5 |
| 2213 | **Fastuosa Huberiana.** Large double flowers of various colors | 5 |
| 2212 | **Cornucopia** ("*Horn of Plenty*"). A grand variety; the flowers average 8 inches long by 5 across; French white inside, purple outside; delightfully fragrant; started early will flower from early summer until fall. (See cut.) | 10 |
| 2211 | **Arborea Simplex** (*Brugmansia*). Large, single, trumpet-shaped, white, fragrant flowers about 12 inches long | 15 |

## DIDISCUS.

| | | |
|---|---|---|
| 2351 | **Cœruleus.** This pretty and interesting annual blooms most profusely from July till November; their exquisite pale lavender blossoms are excellent for cutting; plants grow about 18 inches high, and have as many as 50 flowers open at one time | 10 |

**ANNUAL LARKSPURS are shown in colors and offered on page 58.**

GROUP OF DOUBLE ANNUAL PINKS.

# DIANTHUS OR PINKS.

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The varieties classed as annuals are really biennials, but are treated as annuals and may be sown out of doors when danger from frost is past, and in a few weeks' time they are a mass of bloom, continuing so until after hard frost. As a rule, they survive the winter if given slight protection, flowering abundantly the following season. They grow about a foot high and can be used in beds or borders of solid or mixed colors. The double-flowering sorts are almost as fine as Carnations for cutting. They are not particular as to soil, but should have a sunny location.

## DOUBLE ANNUAL PINKS.

PER PKT.

2250 **Chinensis Fl. Pl.** (*China or Indian Pink*). Blooms in clusters, flowers very double and in a large range of bright colors. ¼ oz., 15 cts................ 5

2255 **Violet Queen.** Rich violet, an unusual shade. ¼ oz., 50 cts............... 10

2260 **Diadematis Fl. Pl.** (*Double Diadem Pink*). Beautiful double flowers; mixed, of various tints of lilac, crimson, purple, to very dark purple, with the outer edges fringed and nearly white. Per ¼ oz., 30 cts....................... 5

2266 **Snowball.** Large double white, splendid for cutting or as a border. Per ¼ oz., 30 cts....................... 5

2267 **Mourning Cloak** (*White Frill*). Rich, blackish, velvety crimson, margined with pure white. ¼ oz., 30 cts........ 5

2268 **Salmon King.** Brilliant salmon rose. ¼ oz , 50 cts....................... 10

2270 **Heddewigi. Fl. Pl.** (*Double Japan Pink*) Double mixed. Colors varying from the richest velvety crimson to the most delicate rose. Per ¼ oz., 25 cts. 5

2277 **Fireball.** Rich, blood-red flowers. Makes a striking contrast to the pure white variety Snowball. ¼ oz., 30 cts.. 5

2280 **Imperialis Fl. Pl.** (*Double Imperial Pink*). Double mixed in a very large range of colors. Per ¼ oz., 25 cts..... 5

2283 **Striped Beauty.** Striped in great variety of colors. Very gay. ¼ oz., 30 cts....................... 5

PER PKT.

2287 **Mirabilis Fl. Pl.** ((*Double Marvelous Pink*). Large, wonderfully fringed double flowers on long, stiff stems, the colors ranging from pure white through all the shades of rose to dark crimson. 2 pkts., 25 cts. 15

2288 **Lucifer.** A new double-flowering form of the bright geranium-red single Pink Vesuvius, offered on next page. The nicely fringed double flowers are about 2 inches across, and, owing to its intense, dazzling color, is sure to become a great favorite. 3 pkts., 50 cts..... 20

2290 **Laciniatus Fl. Pl.** (*Double Fringed Pink*). Large, double, showy flowers, with fringed edges, in a great variety of colors, including beautifully striped sorts, mixed colors. Per ¼ oz., 30 cts.............

2300 **Nobilis Fl. Pl.** (*Double Royal Pinks*). A double flowering form of the Royal Pinks. Flowers of largest 5 size, varying in color from scarlet to dark blood-red and rose to white. ¼ oz., 50 cts.................. 15

## Dreer's Collection of 12 "Brilliant" Dianthus.

We illustrated in colors last year twelve of the best varieties, including six double and six single flowering sorts. Many favorable reports have been received, and we again offer the same collection, which contains a packet each of the following, which are described above and on the next page.

**Double Fireball**
**" Snowball**
**" Salmon King**

**Double Mourning Cloak**
**" Striped Beauty**
**" Violet Queen**

**Single Eastern Queen**
**" Princess**
**" Nobilis**

**Single Vesuvius**
**" Crimson Belle**
**" Marvelous**

2289 **Collection of Dreer's 12 "Brilliant" Pinks**.............................. 60 cts.

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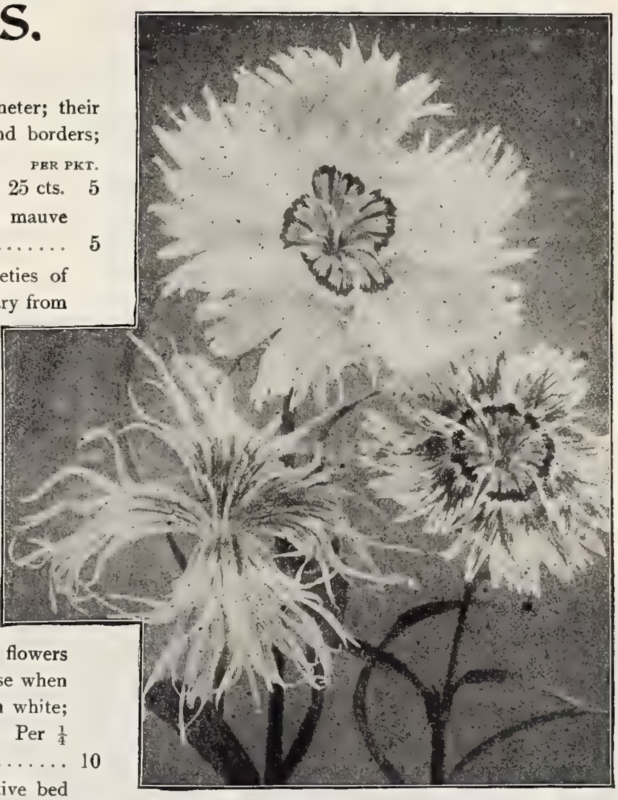
**Do not overlook the many new things offered in Flower Seeds this season. See pages 58 to 68.**

# DIANTHUS or PINKS.

## SINGLE ANNUAL PINKS

All the single sorts have large flowers 2 to 3 inches in diameter; their many and brilliant colors make them very desirable for beds and borders; 1 foot.

| | | PER PKT. |
|---|---|---|
| 2301 | **"Crimson Belle."** Rich velvety crimson. Per ¼ oz., 25 cts. | 5 |
| 2302 | **"Eastern Queen."** Beautifully marbled rose and mauve flowers. Per ¼ oz., 25 cts. | 5 |
| 2303 | **Nobilis** (*Royal Pinks*). Selected and improved varieties of the popular single flowering Japan Pink. The colors vary from white to dark red. ¼ oz., 40 cts. | 10 |
| 2310 | **Heddewigi** (*Single Japan Pink*). Finest selected single-flowered, mixed. Per ¼ oz., 25 cts. | 5 |
| 2315 | **Punctatus** (*Princess Pinks*). A very novel variety, with fringed flowers, mottled, flaked, spotted and striped in the greatest diversity of colors. ¼ oz, 50 cts. | 10 |
| 2316 | **Marvelous.** This remarkable strain produces large flowers, with the petals deeply cut into fine strips of thread-like fringes; all shades from pure white to deep purplish red. ¼ oz., 40 cts. | 10 |
| 2317 | **"Salmon Queen."** The well-formed, nicely-fringed flowers are a brilliant salmon color, changing into a salmon rose when fading. The seeds of this variety are white or yellowish white; those of other annual Pinks are dark brown or black. Per ¼ oz., 30 cts | 10 |
| 2319 | **Vesuvius.** Brilliant geranium-red, makes a very effective bed or border. Per ¼ oz., 50 cts. | 10 |
| 2320 | **"Laciniatus"** (*Single Fringed Pink*). A beautiful fringed variety; various colors. Per ¼ oz., 25 cts. | 5 |



GROUP OF SINGLE ANNUAL PINKS.

## DREER'S COLLECTION OF 12 "BRILLIANT" DIANTHUS.

This fine collection contains a packet each of six of the best double and six of the best single sorts. For details see foot of previous page.

DIANTHUS LATIFOLIUS ATROCOCCINEUS, FL. PL.

## HARDY GARDEN PINKS.

(Dianthus.)

These varieties are well adapted for beds and borders; delightful, refreshing, spicy odor; should be in every garden where cut flowers are wanted, and make a fine edging to a hardy border.

| | | PER PKT. |
|---|---|---|
| 2340 | **Plumarius** (*Grass Pink, Scotch Pink or Pheasant-eye Pink*), A beautiful, single hardy Pink, with fringe-edged white flowers, with a dark centre. ¼ oz., 15 cts. | 5 |
| 2337 | **Plumarius Fl. Pl.** (*Double Hardy Garden Pinks*). Double and semi-double varieties in beautiful colors. ¼ oz., 50 cts. | 10 |
| 2338 | **Plumarius Nanus Fl. Pl.** (*Double Dwarf Erfurt Clove Pink*). This new strain is of compact growth and early flowering, coming into bloom two weeks or more in advance of any other variety. They possess the spicy clove fragrance of the old-fashioned Pink, and have a much richer variety of coloring. 2 pkts., 25 cts. | 15 |
| 2336 | **Semperflorens** (*Everblooming Hardy Garden Pinks*). Very beautiful sweet-scented, double, semi-double and single flowers in great diversity of color. ⅛ oz., 50 cts | 25 |
| 2342 | **Latifolius Atrococcineus Fl. Pl.** (*Everblooming Hybrid Sweet William*). This is a cross between an annual Pink and a Sweet William, combining the free and continuous blooming qualities of the former with the hardiness of the latter; in color an intense velvety crimson scarlet; blooms the first year from seed and one of the finest subjects for any position in the garden. ¼ oz., 50 cts. | 15 |
| 2343 | **Latifolius Double Mixed.** In addition to the brilliant crimscarlet sort offered above, this mixture contains purple, violet and rose, ¼ oz., 40 cts | 10 |

**Cultured Notes on growing both Annuals and Perennials from seed are given on pages 53 to 57.**

## DIGITALIS (Foxglove).

Handsome and highly ornamental hardy plants of stately growth, succeeding under almost all conditions, and with but little attention will give a wealth of flowers during June and July. They are now used extensively with good effect for naturalizing in shrubberies, the edge of woods and other half-shady places; 3 to 5 feet.

**Gloxiniæflora.** This is a fine strain of the ordinary Foxglove *D. purpurea*, with handsome spotted Gloxinia-like flowers on long spikes.

| | PER PKT. | | PER PKT. |
|---|---|---|---|
| 2355 **Lilac** | 10 | 2357 **Rose** | 10 |
| 2356 **Purple** | 10 | 2358 **White** | 10 |

A packet of each of the above 4 colors, 30 cts.

2360 **Gloxiniæflora, Mixed.** All colors. ¼ oz., 25 cts ... 5

2366 **Grandiflora.** Light yellow flowers in good spikes. ¼ oz, 25 cts .. 5

2367 **Maculata Superba.** An extra choice strain of beautifully spotted sorts. ¼ oz., 30 cts ... 10

2370 **Monstrosa** (*Mammoth Foxglove*). Long spikes, surmounted by one enormous flower; very odd; all colors mixed. ¼ oz., 40 cts... 10

Digitalis Gloxiniæflora.

## DRACÆNA (Dragon Plant).

PER PKT.

2386 **Indivisa.** Beautiful ornamental-leaved plants; long, narrow, green foliage; indispensable for vases and house decorations. .... 10

Dolichos (Hyacinth Bean).

Echinocystis Lobata.

## DOLICHOS (Hyacinth Bean).

A rapid-growing annual climber, flowering freely in erect racemes, followed by ornamental seedpods; for covering arbors, trellises, etc Sow the seed in the garden in May, where they are to remain; 10 feet. (See cut.)

2377 **"Daylight."** This grand Hyacinth bean comes from Japan. In our trial ground seed sown late in May had, by the middle of July, attained a height of over 10 feet, and was covered with spikes of snow-white pea-shaped blossoms from then until late fall. The heart-shaped foliage is bright green, and not affected by insect pests. Per oz., 25 cts ... 10

2376 **"Darkness."** Identical in every way to the above, except in color, which is a rich purple-violet. Per oz., 25 cts ... 10

2380 **Lablab, Mixed.** Purple and white. Per oz., 15 cts. ... 5

## ECHINOCYSTIS (Wild Cucumber Vine).

2401 **Lobata,** One of the quickest-growing annual vines we know of; splendid for covering trellises, old trees, fences, etc. (See cut.) Per oz., 30 cts .. ... 5

## ECHINOPS (Globe Thistle).

Striking hardy perennial plants, with handsome silvery thistle-like foliage and fine blue flowers in round heads, which can be used for cutting. Excellent for the back of the hardy border among other tall plants; 3 to 5 feet.

2404 **Ruthenicus.** Steel-blue flowers; the best variety for cutting. ... 10

2405 **Sphærocephalus.** Pale blue, globular flowers. ... 10

EUPATORIUM AGERATOIDES AND CŒLESTINUM.

## ESCHSCHOLTZIA.

(California Poppy, Gold Cups.)

Very attractive annuals for beds, edgings, or masses; profuse-flowering, fine-cut, glaucous foliage; in bloom from June to frost; the Golden sorts and the blue Larkspur or Cornflower form a beautiful combination; 1 foot. (See cut.) PER PKT.

2423 **Californica.** Bright yellow. Oz., 30 cts. .......... 5
2424 **— Alba.** Pure white. Oz., 30 cts. .......... 5
2425 **— Aurantiaca.** Rich orange. Oz., 30 cts .......... 5
2422 **Carmine King.** Carmine-rose on both sides of the petals. ¼ oz., 40 cts. .......... 10
2432 **Cross of Malta.** Pure yellow with orange blotch at base of petals, forming a Maltese Cross; light grey-green foliage. Oz., 30 cts. .......... 5
2431 **Dainty Queen.** Pale coral-pink, slightly deeper toward the edges; compact habit. ¼ oz., 50 cts. .......... 15
2426 **Mandarin.** Inner side of the petals rich orange, the outer side brilliant scarlet. Per oz., 40 cts .......... 5
2427 **Rose Cardinal.** Large flowers, white inside, rose outside. Oz., 40 cts. .......... 5
2428 **Golden West.** Very large flowers; buttery-yellow, with orange centre. Oz., 50 cts .......... 10
2430 **Single Mixed.** All colors. Oz., 25 cts. .......... 5
2440 **Double Mixed.** All colors. Oz., 30 cts .......... 5
2429 **Collection** of the nine named sorts .......... 50

## ERYNGIUM (Sea Holly).

2421 **Amethystinum.** Handsome ornamental hardy plants, growing 2 to 3 feet high, with finely-cut, spiny foliage and beautiful thistle-like heads of amethystine-blue; fine for winter bouquets... 10

ESCHSCHOLTZIAS OR CALIFORNIA POPPIES.

## EUPATORIUM (Thorough Wort).

PER PKT.

Strong-growing, hardy perennials, well suited for naturalizing, and all of the sorts offered below deserve a place in every hardy border; they will grow and thrive in almost any position; will flower the first year if sown early. (See cut.)

2442 **Ageratoides.** A very useful variety, growing 3 to 4 feet high, with dense heads of minute white flowers from August to October. .......... 10
2443 **Cœlestinum.** One of the best blue perennials, 18 to 24 inches high, and bears from August till frost an abundance of deep lavender-blue, flossy flowers, splendid for cutting .......... 10
2441 **Fraseri.** A very pretty dwarf variety, producing clusters of snow-white flowers; fine for cutting and bouquets. 1½ feet. .......... 10

## EUPHORBIA.

Strong-growing annuals, suitable for beds of tall-growing plants or mixed borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental.

2452 **Variegata** (*Snow on the Mountain*). Attractive foliage, veined and margined with white; 2 feet. (See cut.) Per oz., 30 cts. .......... 5
2451 **Heterophylla** (*Annual Poinsettia Mexican Fire Plant, Painted Leaf*). An annual resembling in habit and color the beautiful hothouse Poinsettia. The plants grow 2 to 3 feet high, of branching, bush-like form, with smooth, glossy-green leaves, which about mid-summer become a beautiful orange-scarlet, presenting a striking and brilliant appearance. .... 10

## FERNS.

**2470** Very desirable for Wardian cases or ferneries, thriving in a peaty, sandy soil, and moist, shady positions in the garden during summer. The seed is of slow germination. Sow on the surface in seed pans or pots, keep moist, and in a temperature of 60 degrees. Mixed varieties .......... 15

EUPHORBIA VARIEGATA (Snow on the Mountain).

**We give a complete index of the Common Names of Flowers on page 3.**

Gaillardia Picta Lorenziana.

## FUCHSIA.

(Lady's Eardrops.)

PER PKT.

2480 A well-known plant of easy culture, for the house or shady situations in the garden. Seed saved from the finest single and double named sorts.......................... 25

## GAILLARDIA (Blanket Flower).

### Annual Varieties.

Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom from early summer till November; excellent for beds, borders, or for cutting; should be sown where they are to bloom; 1½ feet.

2495 **Amblyodon.** Rich blood-red; very effective. ¼ oz., 15 cts... 5

2496 **Picta.** Crimson and orange. ¼ oz., 15 cts................. 5

2497 **Picta Lorenziana.** A charming, profuse, double-flowering strain; beautiful mixed colors. (See cut.) ¼ oz., 25 cts....... 5

2500 **Picta Mixed.** Single sorts; fine colors. ¼ oz., 15 cts....... 5

### Hardy Perennial Varieties.

The following are among the showiest and most effective hardy perennial plants, and should find a place in every hardy border. They thrive in almost any position or soil, require little or no protection and take care of themselves. If sown early they begin flowering in July, continuing a mass of bloom until frost; fine for cutting; 2 feet.

2503 **Kermesina Splendens.** Centre rich crimson, narrow canary-yellow border.............................. 15

2504 **Sulphurea Oculata.** Pale sulphur, bright maroon eye...... 15

2502 **Grandiflora Compacta.** A compact variety, forming bushy plants 12 to 15 inches high, and bearing its long-stemmed flowers well above the foliage. In coloring the flowers are as rich and varied as those of the tall-growing sort. .... ........ 15

2510 **Grandiflora Superba.** Our own saving. Splendid combinations of crimson and gold in great variety. ¼ oz., 25 cts....... 10

## GAURA.

PER PKT.

2511 **Lindheimeri.** A graceful perennial 3 to 4 feet high, bearing numerous spikes of rosy-white flowers from July till frost. This plant is largely used throughout Europe for interspersing in beds of Begonias, Geraniums, etc., etc., giving an air of grace to what would otherwise be stiff and formal. ¼ oz., 20 cts......... 5

## GERANIUM.

(Pelargonium.)

2530 **Zonale, Mixed.** A superb strain of the largest and finest varieties .......... . .................... 10

2526 **Pelargonium, Mixed** (*Lady Washington*). Saved from the finest fancy and spotted large-flowering sorts. 25

2525 **Apple-scented.** This fragrant favorite variety can only be grown from seed to form fine plants.......... 15

## GEUM (Avens).

Beautiful hardy perennial, bearing profusely large, showy flowers all through the summer; an elegant flower for bouquets.

2541 **Atrosanguineum Fl. Pl.** Double dark crimson... 10

## GLOBE AMARANTH.

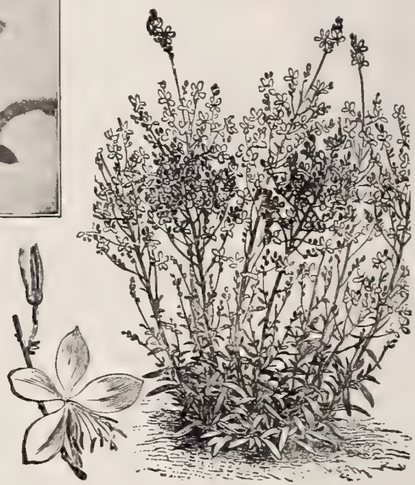
(Gomphrena.)

Popularly known as "Bachelor's Buttons," a first-rate bedding plant; the flowers resemble clover heads and can be dried and used in winter bouquets. Cornflowers are also known as Bachelor's Buttons, and in ordering it is well to order by number to prevent mistakes. (See cut.)

2566 **Aurea Superba.** Golden yellow. 5

2567 **Nana Compacta.** Red; 1 foot. ¼ oz., 15 cts...........

2570 **Mixed.** 2 feet. ¼ oz., 15 cts... 5



Gaura.

Globe Amaranth.

Asters are one of our leading specialties. See special list on pages 59 to 61, also pages 73 to 76.

## GLOXINIA.

A superb genus of greenhouse plants, producing magnificent flowers of the richest colors; thrives best in an equal mixture of peat, loam and sand. Sow in March.

PER PKT.

2578 **Hybrida Grandiflora.** An unsurpassed strain, containing the spotted hybrids as well as the finest self-colored sorts.................... 25

## GODETIA.

An attractive hardy annual, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers of satiny texture in many rich and varied colors. They do best in a rather poor soil. 1 foot. (See cut.)

2585 **Brilliant.** Glowing carmine rose, very bright and satiny. ¼ oz., 15 cts.................... 5

2586 **Duchess of Albany.** Pure white, of compact growth. ¼ oz., 15 cts.................... 5

2587 **Gloriosa.** Large, satiny, brilliant blood-red flowers; richest colored of all. ¼ oz., 25 cts.................... 10

2588 **Rosamond.** A new sort, of dwarf habit and large, glossy shell-pink flowers; makes a beautiful border. ¼ oz., 25 cts... 10

2590 **Mixed.** All colors. Per oz., 30 cts.................... 5

Godetia.

## GNAPHALIUM.

(Edelweiss.)

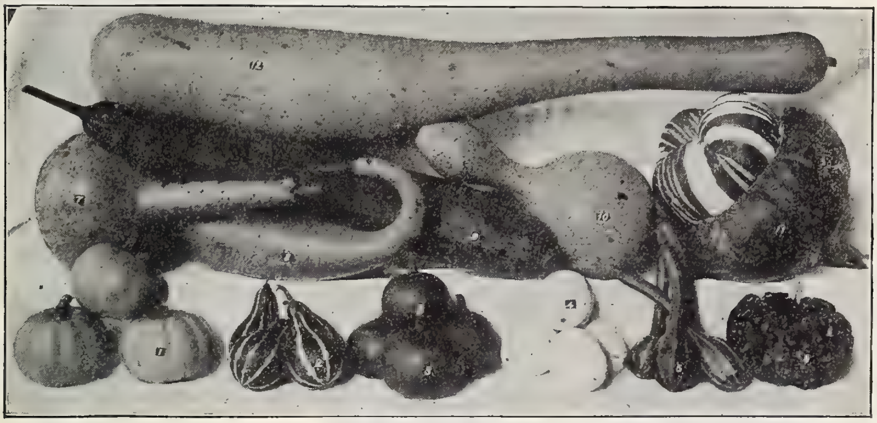
PER PKT.

2581 **Leontopodium.** Principally found on the Alps of Switzerland. Seed should be sown in a cold frame or cool greenhouse early in the spring in shallow pans in sandy soil and leafmold, and kept cool and moist; does best on a rockery with northern exposure ............ 15

## GOLDEN ROD.

(Solidago Canadensis).

2601 The well-known golden yellow favorite; hardy perennial; 2 to 5 feet. ¼ oz., 15 cts.. 5

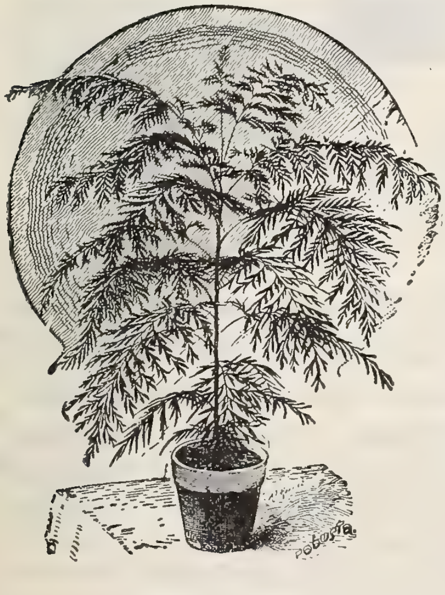


Ornamental Gourds.

## ORNAMENTAL GOURDS.

Rapid growing, interesting annual climbers, with ornamental foliage and singular shaped fruit; 15 to 20 feet. Our illustration shows the twelve kinds offered below.

| | | PER OZ. | PER PKT. |
|---|---|---|---|
| 2607 | **Apple-shaped.** No. 1.................... | 30 | 5 |
| 2612 | **Dipper, or Calabash.** No. 7.................... | 30 | 5 |
| 2614 | **Hercules' Club.** Club-shaped; 4 ft. long. No. 12. | 30 | 5 |
| 2613 | **Egg-shaped.** Fruit white like an egg. No. 4.... | 30 | 5 |
| 2616 | **Orange-shaped** (*Mock Orange*). No. 3...... | 30 | 5 |
| 2611 | **Bottle-shaped.** No. 10.................... | 30 | 5 |
| 2622 | **Turk's Turban.** Red striped. No. 11 ......... | 30 | 5 |
| 2617 | **Pear-shaped.** Striped; very showy. No. 2...... | 30 | 5 |
| 2615 | **Luffa** (*Dish-rag, Sponge or Bonnet Gourd*). No. 9.................... | 30 | 5 |
| 2618 | **African Pipe.** The stem end of the fruits are much used in making pipes. No. 8 ............ | 50 | 10 |
| 2619 | **Spoon.** A very odd variety. No. 5. .......... | 50 | 10 |
| 2621 | **Warted.** Dark green fruits curiously warted. No. 6. | 30 | 5 |
| 2630 | **Mixed Varieties.** All kinds.................... | 25 | 5 |
| 2629 | **Collection** of the above 12 varieties............. | | 50 |



Grevillea Robusta.

## GREVILLEA (Silk Oak).

2681 **Robusta.** A very beautiful and graceful decorative plant with fern-like foliage; excellent for table decoration; easily raised from seed, producing good-sized plants in a short time. ¼ oz., 30 cts............. 10

**The Annual Larkspurs, shown in colors and offered on page 58, are one of the best summer flowers.**

## ORNAMENTAL GRASSES.

The ornamental Grasses serve the double purpose of rendering the mixed flower-bed or border attractive during the summer, and for the use of the spikes or panicles in a dried state in winter bouquets. For large beds or groups on lawns nothing gives a finer effect, and they are now largely used in prominent positions in many of the finest public parks, etc. The following are the most popular varieties:

PER PKT.

2640 **Arundo Donax** (*Great Reed*). Magnificent hardy perennial sort. 10

2641 **Briza Maxima** (*Quaking Grass*). In great demand for grass bouquets. 5

2642 **Bromus Brizaeformis.** A graceful variety, with drooping panicles; perennial. 5

2644 **Coix Lachrymae** (*Job's Tears*). Broad, corn-like leaves and hard, shining, pearly seeds; annual. Per oz, 15 cts. 5

2646 **Erianthus Ravennae** (*Hardy Pampas*). Perennial; exquisite plumes resembling the Pampas. 5

2647 **Eulalia Zebrina** (*Zebra Grass*). Light green, barred with creamy white. Variegation runs *across* foliage. 10

2648 — **Variegata.** Long, narrow green leaves, striped with white; fine feathery plumes; very ornamental. 10

2651 **Gynerium Argenteum** (*Pampas Grass*). White silvery plumes; perennial; blooms the second season. 10

2653 **Lagurus Ovatus** (*Hare's Tail Grass*). Beautiful small white heads of spikes of bloom; excellent for bouquets. 5

2654 **Pennisetum Longistylum.** Extremely graceful greenish-white plumes; excellent for beds; annual; 2 feet. ¼ oz., 20 cts. 5

2655 — **Rueppelianum** (*Purple Fountain Grass*). Graceful green foliage and purplish plumes, unequalled as an edging to a bed of Cannas or other tall plants; annual; 3 feet. (See cut.) Per ¼ oz., 30 cts. 10

2658 **Stipa Pennata** (*Feather Grass*). Perennial, beautiful, delicate white, feathery bloom; flowering the second season; 2 feet. 5

2669 **Collection of Grasses.** 12 varieties. 50

Ornamental Grass. Pennisetum Rueppelianum.

Gypsophila Elegans Alba Grandiflora.

## GYPSOPHILA.

**(Baby's Breath.)**

Pretty free-flowering elegant plants, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut flowers.

PER PKT.

2691 **Elegans alba grandiflora.** This is an improved large-flowering, pure white form of the annual Baby's Breath, of free, easy growth, and grown by the acre in the suburbs of Paris and London for use with other cut flowers. Several sowings should be made during the season to keep up a supply. (See cut.) Per oz., 30 cts. 5

2694 **Muralis.** An annual sort which forms mounds of green 8 to 10 inches high, thickly studded with little pink flowers from early in the season till frost; fine for edging. Per ¼ oz., 15 cts. 5

2692 **Paniculata.** White flowers, fine for bouquets; one of the favorite hardy perennials; blooms first year if sown early; 2 feet. Per ¼ oz., 15 cts. 5

2693 **Acutifolia.** A strong-growing hardy perennial sort, 3 to 4 feet high, with large panicles of small white flowers in July. 5

Helenium Riverton Beauty.

## HELENIUM (Sneeze Wort).

Strong-growing, hardy perennials, succeeding in any kind of soil, and useful in the hardy border, giving an enormous crop of flowers in the late summer.

2711 **Autumnale Superbum.** Large heads of golden-yellow flowers; 5 to 6 feet. 10

2712 **Grandicephalum Striatum.** Flowers borne in large heads; color deep orange, irregularly streaked with crimson; 3 feet. 10

2713 **Riverton Gem.** A variety that originated with us, with brilliant flowers, which, on opening, are old-gold, changing as they mature to a wallflower-red; 3 feet. 2 pkts., 25 cts. 15

2714 **Riverton Beauty.** Similar to the preceding, except in color, the petals being rich lemon-yellow, with a large purplish-black cone. 2 pkts., 25 cts. 15

**Novelties and Specialties in Flower Seeds are offered on pages 58 to 68.**

New Miniature Sunflowers.

# HELIANTHUS.

**(Sunflower.)**

Remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for screens.

## SINGLE SUNFLOWERS.

The Sunflowers are indispensable for cutting. Sown on a sunny spot in April or May they come into bloom early in summer, and keep up a constant supply of flowers until cut down by frost.

PER PKT.

2701 **Cucumerifolius** (*Miniature Sunflower*). Small, single rich yellow flowers. An abundant bloomer; 4 feet. ¼ oz., 15 cts. 5

2703 — **Stella** (*Improved Miniature Sunflower*). Differs from the above by its larger and better formed flowers of the purest golden yellow, with black disc. ¼ oz., 15 cts..... 5

2702 — **Orion.** Artistic and effective new variety of "Stella." The petals are twisted like a Cactus Dahlia. ¼ oz., 20 cts. ...... 10

2700 — **New Miniature.** A multitude of new varieties have been raised from the popular Minature Sunflower which we offer in mixture. They all differ from the parent, most of them being larger, and many with curiously twisted petals. The prevailing colors are pale yellow, golden yellow and creamy white, some with black centres, and all beautiful; for cutting they are indispensable. (See cut.) ¼ oz., 25 cts. ... 10

2707 — **Perkeo.** A charming dwarf variety of the Miniature Sunflower. The plants form compact bushes about 12 inches high by 14 inches through. There are may positions, such as the front of borders or beds of plants of medium height, where this can be used to good advantage, flowering, as it does, from the end of June until cut down by hard frost. ¼ oz., 25 cts....................... 10

## Double Sunflowers.

PER PKT.

2696 **Chrysanthemum-flowered.** Rich golden-yellow flowers, perfectly double, resembling a Chrysanthemum or Aster; 7 feet. (See cut.) Per oz., 40 cts 10

2706 **Nanus Fl. Pl.** (*Globe of Gold*). Dwarf, double-yellow flowers; 4 feet. Per oz, 25 cts................. 5

2704 **Globosus Fistulosus** (*Globe or Dahlia Sunflower*). Flowers large, double, of a rich saffron color; 6 feet. Per oz., 25 cts. ................................... 5

2697 **Double Yellow Miniature.** The double flowering form of the popular Miniature Sunflower. The flowers, while double, are quite free and graceful; of a bright golden-yellow ..................................... 10

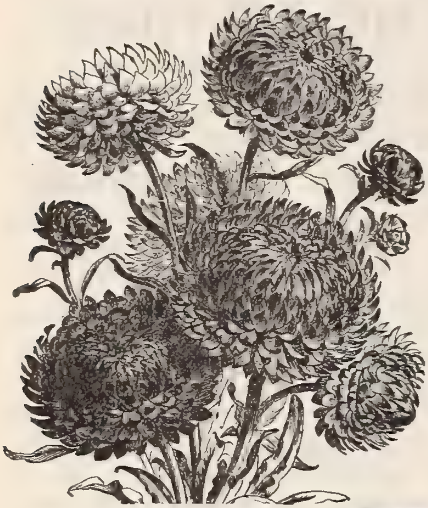
2698 **Double White Miniature.** A new double, nearly white sort A certain proportion of the seedlings produce semi-double flowers. In habit of growth and profusion of flower it is identical to the well-known single variety. 15

## Hardy Perennial Sunflowers.

2705 **Mixed.** Contains the finest single flowering hardy perennial sorts, including such varieties as Maximilliana, Miss Mellish, Orgyalis, Tomentosus, etc., etc. Seeds sown early will produce flowering plants the first year; as subjects for the hardy border as well as for cutting they are of great value. ¼ oz., 50 cts........................ 15

Double Chrysanthemum-flowered Sunflower.

Read the Articles on Growing Flowers from Seeds on pages 55 to 57.



HELICHRYSUM.

## HELICHRYSUM (Straw Flower).

PER PKT.

2720 **Monstrosum Fl. Pl.** One of the best of "Everlasting" Flowers. Exceedingly effective double flowers, making a fine display in beds or borders; they succeed in any rich garden soil; give them plenty of room to develop, planting not closer than 12 inches apart; hardy annuals; 2 feet. Mixed. (See cut.) Per ¼ oz., 20 cts. . . . . . 5

2719 **Imported Collection.** 10 varieties . . . . . . 50

## HELIOPSIS (Orange Sunflower).

2731 **Pitcheriana.** A desirable hardy herbaceous plant, growing from 3 to 4 feet high, beginning to flower early in the season, and continuing the entire summer. The flowers are of a beautiful deep golden yellow color, about 2 inches in diameter, of very thick texture and very graceful for cutting. (See cut.) ¼ oz., 20 cts. . . . . . 10

2733 **—Semi-plena.** A new semi-double flowering form of this fine hardy perennial . . . . . . 15

2732 **Scaber Major.** Very similar to *Pitcheriana*, but with much larger flowers. ¼ oz., 20 cts. . . . . . 10

## HELIOTROPE.

(Cherry Pie.)

A half-hardy perennial, flowering during the whole season; its delightful perfume makes it a most desirable bouquet flower; a splendid bedding plant, or can be trained as a greenhouse climber. Seed started indoors in the spring will make fine plants for summer blooming. Can also be sown outdoors in May. (See cut.)

PER PKT.

2737 **Lemoine's Giant.** Of robust growth, and produces heads of flowers double the size of the old sort; mixed colors. ⅛ oz., 50 cts. . . . . . 10

2736 **Regal.** A new variety with immense flower heads of the Giant type, but of dwarf, compact growth; all shades. . . . . . 25

2740 **Mixed.** All colors of the regular type. ⅛ oz., 25 cts. . . . . . 5

2738 **Imported Collection** of 6 sorts . . . . . . 40

HELIOTROPE, LEMOINE'S GIANT.

## HEUCHERA.

(Alum Root.)

2761 **Sanguinea.** One of the finest hardy perennials. The flowers are of a rich, bright crimson color; the leaves light green and slightly hairy. Excellent for cutting. . . . . . 10

## HONESTY.

(Moonwort, Satin Flower)

2801 Hardy biennial, admired for its silvery seed pouches, which are used for house ornaments, as they present a beautiful and rather curious appearance; 2 feet. ¼ oz., 15 cts. . . . . . 5

## HIBISCUS (Marshmallow).

Showy ornamental perennial plants, for mixed beds or shrubbery borders, having large-sized, beautifully-colored flowers; blooms the first year if sown early.

2774 **Palustris.** Large pink flowers . . . . . . 5

2771 **Moscheutos** (*Swamp Rose Mallow*). Flowers 6 inches in diameter, of a light rosy-red, with dark centre . . . . . . 5

2772 **Crimson Eye.** Flowers of the largest size, pure white, with a large spot of velvety crimson in the centre . . . . . . 10

2773 **Giant Yellow or Golden Bowl.** Cup-shaped flowers from 6 to 9 inches in diameter; of a rich deep cream, with a velvety maroon centre. The plants commence to bloom early and continuously until cut down by frost . . . . . . 10

## COLLECTIONS OF FLOWER SEEDS.

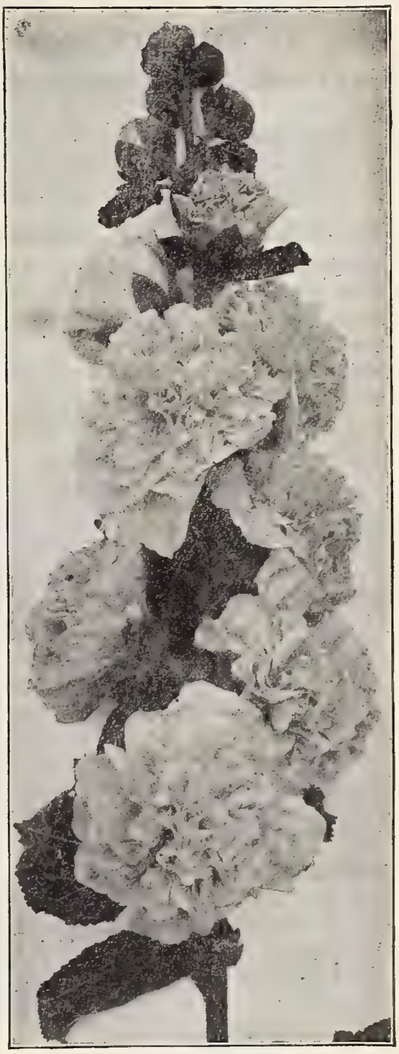
| | | | |
|---|---|---|---|
| 1134 | **Summer Flowering Annuals.** | 12 sorts, our selection . . | $0 50 |
| 1135 | " " " | 25 " " " . . . | 1 00 |
| 1136 | **Old-fashioned Annuals.** | 12 " " " . . . . | 50 |
| 3549 | **Old-fashioned Hardy Perennials.** | 12 " " " . . . . | 50 |
| 2019 | **Quick-growing Annual Climbers.** | 12 " " " . . . . | 50 |
| 2479 | **Fragrant Flowers.** | 10 " " " . . . . | 40 |

**Collections** of Asters, Balsams, Dianthus, Marigolds, etc., are offered under their respective heads.

HELIOPSIS PITCHERIANA

## HOLLYHOCK.

One of the most majestic of hardy plants, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers it is without equal. Seed sown any time before midsummer will produce fine plants for flowering next year. To get results this season it is necessary to get year-old plants. These we offer with other hardy plants under their proper head. (See cut.)



Double Hollyhock.

### DOUBLE VARIETIES.

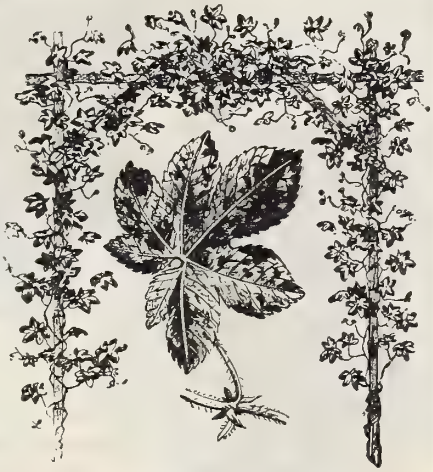
The seed offered under this head has been saved from the finest double flowers only and is sure to produce satisfactory results.

| | | PER PKT. |
|---|---|---|
| 2782 | **Maroon.** 40 cts. ¼ oz. | 10 |
| 2783 | **Bright Rose.** 40 cts. ¼ oz. | 10 |
| 2784 | **Bright Red.** 40 cts. ¼ oz. | 10 |
| 2785 | **Salmon Rose.** 40 cts. ¼ oz. | 10 |
| 2786 | **White.** 40 cts. ¼ oz. | 10 |
| 2787 | **Yellow.** 40 cts. ¼ oz. | 10 |
| 2781 | **"Allegheny."** Mammoth flowers, wonderfully formed of loosely arranged fringed petals, which look as if made from the finest China silk. The colors vary from the palest shrimp-pink to deep red. The plants are of strong growth, sending up spikes 6 to 7 feet high. 30 cts. per ¼ oz.; $1.00 per oz. | 10 |
| 2790 | **Extra Choice Double Mixed.** 30 cts. per ¼ oz.; $1.00 per oz. | 10 |
| 2788 | **Collection** of a packet each of the above 6 colors. | 50 |
| 2789 | **Imported Collection** of 12 colors | 75 |

### SINGLE VARIETIES.

Many prefer the single-flowering Hollyhocks. They are usually of freer growth than the doubles, and present a very handsome appearance when covered with their artistic blossoms. We offer the following distinct colors; also mixed, viz.:

| | | |
|---|---|---|
| 2793 | **Black Maroon.** | 15 |
| 2794 | **Mauve** | 15 |
| 2795 | **Pink** | 15 |
| 2796 | **Red** | 15 |
| 2797 | **White** | 15 |
| 2798 | **Yellow** | 15 |
| 2780 | **Mixed.** All colors. ¼ oz., 30 cts. | 10 |
| 2799 | **Collection** of a packet each of the 6 colors | 75 |



Humulus Japonicus Variegatus.

Hunnemannia.

## HUMULUS (Japanese Hop).

PER PKT.

2811 **Japonicus.** A very ornamental and fast-growing climbing plant. The foliage resembles in shape that of the common Hop, is very dense, and in color a lively green; annual. ¼ oz., 20 cts. 5

2812 — **Variegatus.** A variegated variety of the above. The leaves are beautifully marbled and splashed with silvery-white, light and dark green; very effective for screens, arbors, trellises, etc. As with the green-leaved variety, it is never injured by insects nor affected by the heat, but retains its bright variegated foliage until frost. ¼ oz., 25 cts. 10

## HUNNEMANNIA.

(Giant Yellow Tulip Poppy, or Bush Eschscholtzia.)

2821 **Fumariæfolia.** This is by far the best of the Poppy family for cutting, remaining in good condition for several days. Seed sown early in May will, by the middle of July, produce plants covered with their large buttercup-yellow, poppy-like blossoms, and never out of flower until hard frost. The plants grow about 2 feet high, are quite bushy, with beautiful feathery glaucous foliage. ¼ oz., 25 cts. 10

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THE ANNUAL LARKSPURS shown in color and offered on page 58 are well worth growing.

## IBERIS (Hardy Candytuft).

PER PKT.

1771 **Gibraltarica Hybrida.** White flowers, shading to lilac ........ 10

1772 **Sempervirens.** A profuse white-blooming hardy perennial, coming in flower early in the spring; much used for cemeteries, rockeries, etc. 1 foot ........ 15

## IMPATIENS (Sultan's or Zanzibar Balsam).

Charming plants for the decoration of the greenhouse or dinner table, producing bright, waxy-looking flowers profusely and almost continuously. The young seedlings should be carefully handled, as they are exceedingly brittle at the outset.

2842 **Sultani.** Flowers of brilliant rosy-scarlet color ..... 15

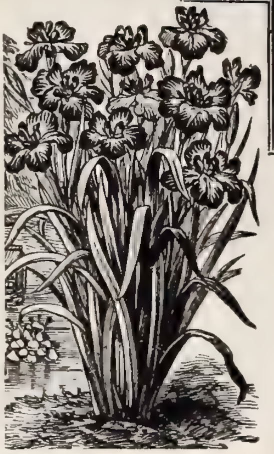
2845 **Holstii Hybrids.** These are hybrids of *I. Holstii,* which were introduced in 1905, and, like their parent, form strong, bushy plants about 2 feet high, covered with attractive flowers throughout the entire summer and fall. In fact, when grown as pot plants, they bloom the year round. Choicest mixed ........ 15

## IONOPSIDIUM (Diamond Flower).

2848 **Acaule.** A little gem, forming tufts but a few inches high and covered with violet flowers in June, and frequently blooming again in the autumn; excellent for sowing on the rockery, also on the top of pots containing large plants, where it soon forms a moss-like covering; sow out of doors in May; annual ........ 10

## IRIS (Flowering Flag).

2890 **Kæmpferi** (*Japanese Iris*). This is one of the showiest of the "Flags," and now extensively used in the hardy garden. The seeds we offer have been saved from our own unrivalled collection, and should produce only varieties of the highest merit. Blooms the second year from seed. ¼ oz., 25 cts ........ 10



Japanese Iris.

Impatiens Holstii.

Imperial Japanese Ipomœas.

## IPOMŒA.

Climbers of rapid growth, with beautiful and varied flowers; for covering walls, trellises, arbors or stumps of trees they are invaluable; it is well to soak the seed in warm water over night to assist in rapid germination.

**Imperial Japanese.** These are beyond question the handsomest of all Morning Glories. Of the easiest culture; can be sown in the open ground in a sunny situation when the weather has become warm and settled; they soon cover a large area, and even before flowering are decidedly interesting on account of the varied forms of the foliage and their markings. The flowers are of gigantic size and their colorings beyond description; the self or solid colors range from snow-white to black-purple, with all the possible intermediate shades; there is also an endless number having flowers spotted, marbled, striped, flaked, splashed, etc. (See cut.)

PER PKT.

2880 **Mixed Imperial Japanese.** Saved from a grand collection, which we feel sure will produce results more than equalling our description of this wonderful plant. Per oz., 25 cts ........ 5

2879 **Collection** of 9 distinct Imperial Japanese sorts ........ 50

2852 **Coccinea** (*Star Ipomœa*). Small scarlet flowers in profusion .. 5

2851 **Bona Nox** (*Evening Glory*). Rosy lilac flowers, expanding in the evening; of very rapid growth. Oz., 25 cts ........ 5

2854 **Rubra Cœrulea** (*Heavenly Blue*). Immense flowers of bright sky-blue; very beautiful ........ 10

2853 **Grandiflora** (*Moon Flower*). At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers, 5 to 6 inches in diameter. It grows very rapidly and will cover a large surface. Per ¼ oz., 20 cts ........ 10

2855 **Setosa** (*Brazilian Morning Glory*). Flowers of pleasing rose color, borne very freely in large clusters from August to frost. As a quick growing vine it has no equal, covering an enormous space in a short time. Per oz., 25 cts ........ 5

*(For other varieties of Ipomœas see Cypress Vine, Mina and Convolvulus.)*

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**If you want the very best in Asters, get those offered on pages 59 to 61.**

DOUBLE STOCK-FLOWERED LARKSPUR.

## ANNUAL LARKSPURS.

This is one of the best known of garden flowers. A vast improvement has been effected, by careful selection and attentive cultivation, in size and color of the blossoms and the general habit of the plant. To bring them prominently to the notice of our customers we show them in colors on plate opposite page 58.

*(For Hardy Perennial Larkspurs see Delphinum, page* 89.)

**Double Stock-flowered.** The finest variety with splendid spikes of beautiful double flowers, lasting in full beauty the greater part of the summer and fall; 2½ to 3 feet. (See cut.)

| | | PER PKT. | | | PER PKT. |
|---|---|---|---|---|---|
| 2931 | **Dark Blue** | 10 | 2935 | **Sky Blue** | 10 |
| 2932 | **Lilac** | 10 | 2936 | **Tricolor** | 10 |
| 2933 | **Lustrous Carmine** | 10 | 2937 | **Pure White** | 10 |
| 2934 | **Shell Pink** | 10 | | | |

| | | |
|---|---|---|
| 2940 | **Finest Mixed.** All colors. ¼ oz., 20 cts.; oz., 60 cts. | 10 |
| 2938 | **Collection.** A packet each of the above 7 colors | 50 |
| 2930 | **Dwarf Rocket.** Fine double-mixed; 18 inches. Oz., 25 cts. | 5 |

## JACOBÆA (Senecio).

| | | PER PKT. |
|---|---|---|
| 2900 | **Elegans Fl. Pl.** A showy, free-flowering hardy annual. It produces in great profusion branching spikes of bright Cineraria-like double flowers, 1½ inches in diameter, from spring until fall, and will bloom all winter in a cool greenhouse. Excellent for bouquets. Mixed colors. | 5 |

## KOCHIA (Standing Cypress, or Belvedere).

| | | |
|---|---|---|
| 2911 | **Trichophylla.** An easily-grown annual, which sown thinly in spring, soon forms a cypress-like hedge of the most lively green and of perfect symmetry; by midsummer it attains a height of about 3 feet, and on the approach of autumn the whole plant becomes a deep red; a splendid plant to divide the vegetable from the flower garden, or for forming a hedge for the summer for any purpose. ¼ oz, 25 cts. | 10 |

## LANTANA.

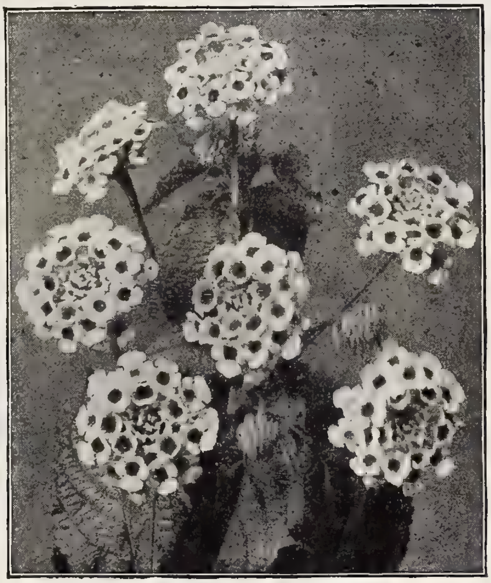
| | | |
|---|---|---|
| 2920 | One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom; Verbena-like heads of orange, white, rose and other colored flowers; 2 to 3 feet. Mixed colors. ¼ oz, 25 cts | 10 |

## LAVATERA (Annual Mallow).

| | | |
|---|---|---|
| 2976 | **Trimestris Grandiflora rosea.** A very beautiful and showy annual, growing about 2 feet high and covered during the entire summer with large cup-shaped shrimp-pink flowers; in a border or bed the effect is very bright. Sow in May where they are to bloom and thin out to 12 inches apart. (See cut.) ¼ oz., 20 cts. | 5 |

## LAVENDER (Lavandula Vera).

| | | |
|---|---|---|
| 2971 | Well known, sweet-sented, hardy perennials; should be extensively grown in the mixed border; 3 feet. ¼ oz., 25 cts. | 5 |



LANTANA.

## LATHYRUS.

(Everlasting, or Hardy Sweet Pea.)

Showy, free-flowering hardy perennial climbers for covering old stumps, fences, etc.; continually in bloom; fine for cutting.

| | | |
|---|---|---|
| 2956 | **Latifolius.** Purplish-red | 5 |
| 2957 | **Albus.** Pure white | 10 |
| 2954 | **"White Pearl."** A large flowering, robust growing variety of the above, and one of the best hardy plants of recent introduction | 15 |
| 2955 | **Pink Beauty.** Rosy pink | 10 |
| 2960 | **Mixed.** All colors. Per oz., 40 cts. | 5 |

LAVATERA TRIMESTRIS GRANDIFLORA ROSEA.

**ANNUAL LARKSPURS** are shown in colors and fully described on page 58.

Lobelia Crystal Palace Compacta.

## LOBELIA.

The following dwarf and trailing varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging-baskets, etc., blooming profusely from June to November. The perennial varieties are among the most attractive of our garden favorites, producing beautiful spikes of handsome flowers.

PER PKT

3012 **Crystal Palace Compacta.** Rich deep blue; dark foliage; the finest dark blue for bedding. Per ⅛ oz., 50 cts. .......... 10

3013 **Emperor William.** A very compact variety; sky-blue flowers .......... 10

3014 **Heterophilla Major.** One of the best for this climate, coming into flower early, standing the heat well and continuing to bloom without interruption until frost. The plant forms dense globular bushes about 6 inches high, completely smothered with flowers, which are of very large size, over an inch across, and of a most brilliant sky-blue, with a clear white eye .......... 10

3015 **Prima Donna.** Rich velvety crimson-maroon flowers .......... 10

3016 **White Gem.** Forms a perfect ball of snow-white flowers .......... 10

3023 **Speciosa.** Ultramarine blue; dark-leaved; trailing .......... 5

3022 **Gracilis.** Light blue; light green foliage; trailing .......... 5

3020 **Mixed Compacta Varieties.** All colors .......... 5

### HARDY PERENNIAL LOBELIAS.

3031 **Cardinalis** (*Cardinal Flower*). A native variety, with spikes of brilliant scarlet flowers; fine hardy border plant; 3 feet .......... 15

3032 — **Hybrids.** Flowers resemble Cardinalis, but are of splendid shades of rose, red, lilac, purple, etc.; in bloom from July to October; 3 feet .......... 25

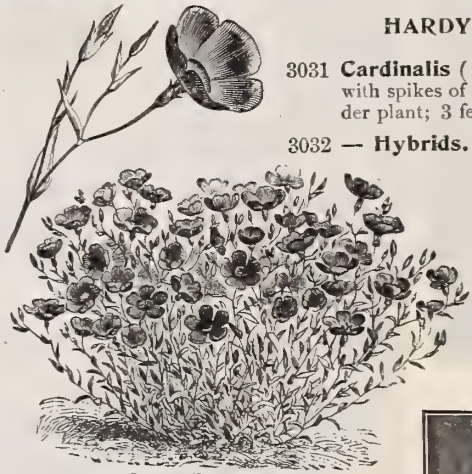
3033 **Fulgens Queen Victoria.** A beautiful variety with dark bronzy foliage and brilliant scarlet flowers; requires protection. 25

3034 **Syphilitica** (*Great Lobelia*). A strong-growing hardy sort with light blue flowers .......... 15

## LEPTOSIPHON.

PER PKT.

2980 **French Hybrids Mixed.** We sent out a large number of packets of this pretty annual for trial the past two seasons, and have received so many favorable reports that we have concluded to add it to our regular list. It makes a dense tuft of fine foliage not over 6 inches high, covered with its pretty little flowers of rose, white, yellow, etc., throughout the season; makes a pretty edging; sow thinly out of doors in April or May. ¼ oz., 25 cts. .......... 10



Linum Coccineum.

## LIATRIS (Blazing Star, or Gay Feather).

2982 Most showy and attractive hardy perennial native plants, with long spikes of purple and rosy-purple flowers from July to September; 3 to 4 feet. Mixed varieties .......... 10

## LINARIA.

2991 **Cymbalaria** (*Kenilworth Ivy, or Mother of Thousands*). Lavender and purple. A charming, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rock work .......... 10

## LINUM (Flax).

3002 **Coccineum** (*Scarlet Flax*). One of the most effective and showy bedding plants, of long duration, having fine foliage and delicate stems, with brilliant scarlet-crimson flowers; hardy annual; 1 ft. Oz., 25 cts. 5

3001 **Flavum.** A bright yellow, hardy perennial variety; 1 foot .......... 10

3003 **Perenne.** Another hardy variety, producing bright blue flowers the entire summer; 18 inches .......... 10

## LOPHOSPERMUM.

3041 **Scandens.** Highly ornamental tender annual climber, with showy, rosy-purple foxglove-like flowers; 10 feet .......... 10

## LUPINUS (Lupine).

3050 **Annual Mixed.** Free-flowering, easily-grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders and beds; prefers a little shade from the noon-day sun; 2 feet. Per oz., 20 cts. .......... 5

3052 **Polyphyllus Roseus.** A fine variety of the perennial Lupine, with showy spikes of rose-colored flowers .......... 15

3051 **Perennial Mixed.** Hardy perennial varieties, in blue and white mixed. Oz. 30 cts. .......... 5

Lupinus Polyphyllus Roseus.

**Read the Articles on Growing Flowers from Seeds on pages 55 to 57.**

## LYCHNIS.

Handsome hardy perennial plants of easy culture for massing in beds and borders; blooming the first year if sown early.

PER PKT.

3061 **Chalcedonica** (*Rose Campion, Jerusalem Cross*). Fine scarlet flowers; 2 feet. ¼ oz., 20 cts. . . . . . . . . . . . 5

3062 **Haageana.** Brilliant orange, scarlet, crimson, etc., in mixture; 1 foot. ¼ oz., 40 cts . . . . . . . . . . . . . . . . . . . . 10

## LYTHRUM.

3071 **Roseum Superbum** (*Rose loose-strife*). A very pretty hardy perennial; grows about 3 feet high, and produces spikes of rosy flowers from July to September. ¼ oz., 40 cts. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 10

## Marvel of Peru, or Four O'Clock's.

**(Mirabilis Jalapa.)**

3110 A well-known, handsome, free-flowering garden favorite; does well everywhere; give each plant 12 to 18 inches of room. See what Prof. Bailey says about this fine old-fashioned flower on page 56 Fine mixed colors; 2 feet. (See cut). Oz., 15 cts. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 5

## MATTHIOLA.

3125 **Bicornis** (*Evening-scented Stock*). This old-fashioned annual has no beauty to recommend it, the flowers being a dull purplish lilac, but it is well worth growing for the entrancing fragrance which it emits during the evening. ¼ oz., 15 cts. . . . . . . . . . . . . . . 5

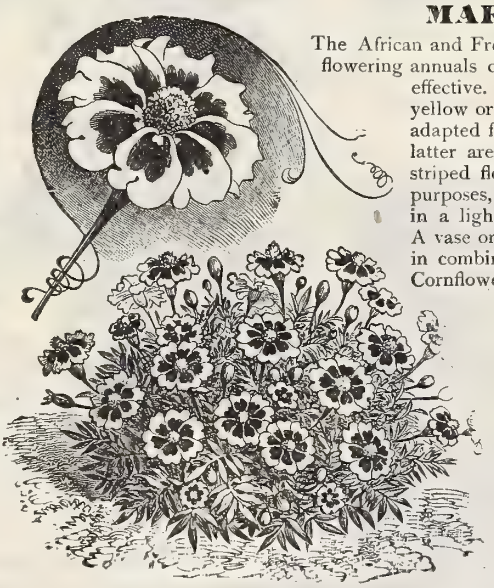
## MAURANDIA.

Beautiful, rapid, slender growing climbers, blooming profusely until late in the autumn; also fine for the conservatory or greenhouse; if desired for the house, take up before the approach of frost. A half-hardy perennial, flowering the first season if sown early; 10 feet.

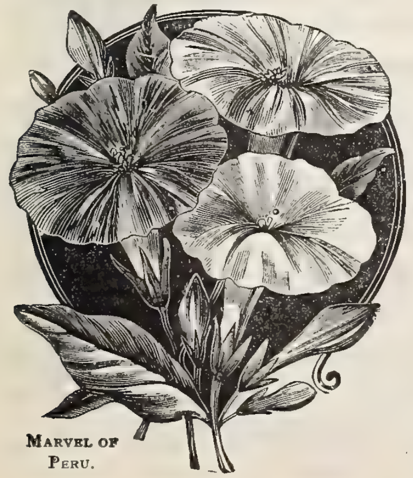
3127 **Barclayana.** Purple . . . . 10

3128 **Giant Blue.** A large-flowering form, of a beautiful deep blue. . . . . . . . . . . . . . . . . 25

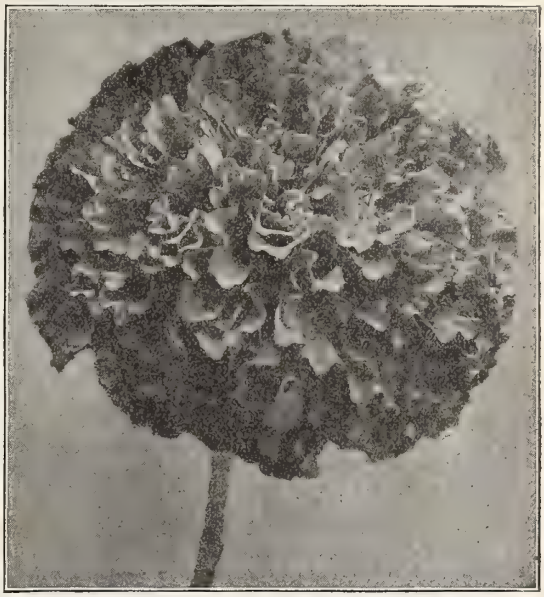
3130 **Mixed.** All colors . . . . . . . 10



French Marigold Legion d'Honneur.



Marvel of Peru.



African Marigold, Orange Prince.

## MARIGOLD.

The African and French Marigolds are old favorite free-flowering annuals of easy culture; both are extremely effective. The former have uniformly large yellow or orange-colored flowers, and are well adapted for large beds or mixed borders; the latter are dwarfer in growth, with beautifully striped flowers, and better suited for bedding purposes, or for pot culture; they succeed best in a light soil, with full exposure to the sun. A vase or bowl of any of the rich yellow sorts in combination with a few blue Larkspurs or Cornflowers is very striking.

(*See also Calendula and Tagetes.*)

### FRENCH VARIETIES.

PER PKT.

3091 **Gold-Striped.** Very double, deep brownish-red, striped golden-yellow; 1 foot. ¼ oz., 25 cts . . . . . . 10

3100 **Dwarf French.** Fine colors, mixed, very double; 1 foot. Per ¼ oz., 20 cts. 5

3092 **Legion d'Honneur** (*Little Brownie*"). A single-flowering Marigold, forming compact bushes 9 inches high. Begins flowering early, commencing in June. The flowers are golden-yellow, marked with a large spot of crimson-velvet. ¼ oz., 20 cts . . . . . . . . . . . . . 5

3098 **Imported Collection** of Double French Marigolds, 6 varieties. . . . . . . . 25

### AFRICAN VARIETIES.

3084 **Orange Prince.** A high bred type bearing densely double flowers of a rich deep golden-orange color; very showy. ¼ oz., 50 cts . . . . . . . . . . . . 15

3085 **Lemon Queen.** Another fine variety, with soft lemon-yellow flowers, and forming a fine contrast to the preceding. ¼ oz., 50 cts. . . . . . . . . . . . . . . . . 15

3083 **Pride of the Garden.** Immense flowers, densely double. Color golden-yellow. A feature of this variety is the compact, dwarf habit of the plant, which forms dense bushes 15 to 18 inches high. ¼ oz., 40 cts. . . . . . . . . . 10

3081 **El Dorado.** Flowers very large, imbricated and extremely double. Colors in all shades of yellow. Per ¼ oz., 25 cts . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 5

3090 **Large African.** Double, orange and lemon, mixed; 2 to 3 feet. Per ¼ oz., 20 cts. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 5

3088 **Imported Collection** of double African, 6 varieties. . . . . . . . . . . . . . . . . . 25

**Novelties and Specialties in Flower Seeds are offered on pages 58 to 68.**

## MIGNONETTE (Reseda).

A well-known fragrant favorite, and no garden is complete without a bed of Mignonette; sowings made in April and again in July will keep up a succession from early summer till frost; can also be grown in pots for winter and early spring-flowering.

PER PKT.

3151 **Orange Queen.** Quite distinct color, being a decided orange. Very sweet. 15

3152 **Defiance.** When grown under favorable conditions spikes will not only be of remarkable size—from 12 to 15 inches long—but deliciously fragrant. The individual florets are of immense size, forming a graceful as well as compact spike. Of extraordinary keeping qualities, retaining their grace and fragrance until every bud opens. (See cut.) ¼ oz., 25 cts. . . . . . 10

3153 **Golden Machet.** Distinct variety of Machet, with massive spikes of golden-yellow blossoms. ¼ oz., 25 cts. . . . . . 10

3155 **Miles' Hybrid Spiral.** Of strong, branching habit, with spikes from 8 to 10 inches long; very fragrant. Per oz., 25 cts. . . . . . 5

3156 **Improved Red Victoria.** Fine spikes of bright red. A most useful and desirable variety. ¼ oz., 25 cts. . . . . . 10

3157 **Large-flowering Pyramidal.** Flowers large, of a reddish tint. A good variety for the open ground. ¼ oz., 20 cts. . . . . . 5

3158 **Machet.** Of dwarf pyramidal growth, bearing numerous flower stalks; highly colored and very fragrant; one of the best. ¼ oz., 25 cts. . . . . . 10

3159 **Goliath.** Of strong, yet compact habit, with rich green foliage; the giant trusses of flowers being borne on erect, strong, stiff stalks and surpassing all others in brilliancy of color; especially suited for house culture; ¼ oz., 50 cts. . . . . . 15

3161 **Parson's White.** Large spikes, pure white, very fragrant. ¼ oz., 20 cts. . . . . . 5

3162 **Salmon Queen.** Strong, robust habit, with fine spikes of bright, salmon-red flowers, intensely fragrant; fine for outdoor culture. ¼ oz., 25 cts. . . . . . 10

3163 **Sweet-scented** (*Reseda Odorata*). The old variety with small spikes, but very sweetly-scented. Per oz., 15 cts. . . . . . 5

3169 **Collection** of 10 varieties of Mignonette . . . 50

DEFIANCE MIGNONETTE.

MATRICARIA.

## MATRICARIA.

PER PKT.

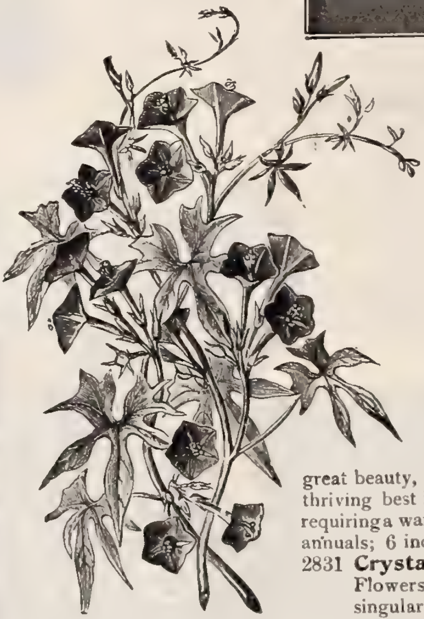
3121 **Capensis Alba Plena** (*Double White Feverfew*). Free flowering plants; producing all season fine double, white flowers. A fine bedding or pot plant; 18 inches. (See cut.) . . . . . 10

## MESEMBRYANTHEMUM.

Dwarf trailing plants of great beauty, blooming the whole summer, thriving best in a dry, loamy or sandy soil, requiring a warm, sunny situation; half-hardy annuals; 6 inches.

2831 **Crystallinum** (*Ice Plant*). Flowers white; prized for its singular icy foliage. . . . . . 5

3142 **Tricolor** (*Wax Plant*). Various colors . . . . . 5



MINA SANGUINEA.

## MIMOSA (Sensitive or Humble Plant).

3181 **Pudica.** Curious and interesting annuals, with pinkish-white flowers; the leaves close and droop when touched or shaken; 1½ feet. 5

## MIMULUS.

Showy, profuse-flowering plants; fine for greenhouse or moist, shady situations; half-hardy perennials, blooming the first year from seed if sown early; 1 foot.

3192 **Tigrinus** (*Monkey Flower*). Fine mixed spotted varieties. . . . . 5

3191 **Moschatus** (*Musk Plant*)). Fine for hanging-baskets, etc; small yellow flowers, fragrant foliage . . . . . 5

## MINA.

3201 **Lobata.** Half-hardy Mexican climbing annual. The buds are at first of a vivid red, but turn to orange-yellow before they open, and when full expanded the flowers are of a creamy-white shade. They are freely produced from the base to the summit of the plant, which attains a height of from 18 to 20 feet. Seed should be sown early. 10

3202 **Sanguinea.** A beautiful and rapid-growing climber, producing innumerable brilliant blood-red flowers. (See cut.) Per oz., 50 cts. 5

Momordica Charantia (Balsam Pear).

## MOMORDICA.

Very curious climbing vine, with ornamental foliage, fruit golden-yellow, warted, and when ripe opens, showing the seed and its brilliant carmine interior; fine for trellises, rock-work, stumps, etc.; annuals; 10 feet.

Per Pkt.

3211 **Balsamina** (*Balsam Apple*). Round apple-shaped fruit with very fine glossy green foliage. This is the prettiest climber of the two. Oz., 30 cts. . . . . . . . . . 5

3212 **Charantia** (*Balsam Pear*). Pear-shaped fruit; foliage heavier than the above; the fruits of this variety are used medicinally. (See cut.) Oz., 30 cts. . . . . . . . . . 5

## MUSA ENSETE.

(Abyssinian Banana.)

Per Pkt.

3221 A splendid plant for the open air in summer, producing a most striking effect when planted singly or in groups. In our hot summer it luxuriates and attains gigantic proportions when freely supplied with manure and water. The seeds germinate easily if started in hot-bed or bottom heat in greenhouse. Tender perennial; 10 to 20 feet . . . . . . . . . . 25

## MYOSOTIS (Forget-Me-Not).

The Forget-Me-Nots succeed best in a shady, moist situation; perennials and hardy if given a slight protection through the winter; blooms the first year from seed if sown early. Fine for edging or in beds with Pansies.

3231 **Alpestris Cœrulea.** Bright blue: 6 inches. ¼ oz., 25 cts. . . . . . . . . . 5

3233 **— Robusta Grandiflora** (*Eliza Fonrobert*). Large flowering; bright blue; remarkably fine and distinct. ¼ oz., 30 cts. . . . . . . . . . 5

3235 **— Victoria.** Of bushy habit, bearing large umbels of bright azure-blue flowers; very fine. ⅛ oz., 25 cts. . . . . . . . . . 10

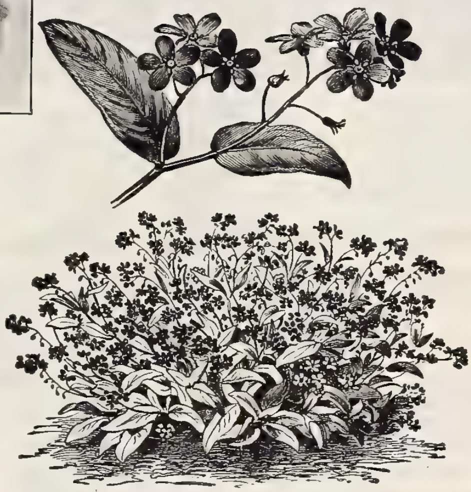
3236 **Dissitiflora.** Compact habit, profuse bloomer; exquisite blue; an attractive spring bedding plant; 6 inches. . . . . . . . . . 10

3237 **Palustris.** The true Forget-Me-Not; beautiful blue flowers; 6 inches. ⅛ oz., 50 cts. . . . . . . . . . 10

3238 **— Semperflorens.** A charming dwarf Forget-Me-Not, continuing in bloom from early spring until autumn; blue; 8 inches. ⅛ oz., 50 cts. . . . . . . . . . 10

3239 **Royal Blue.** This beautiful variety belongs to the upright pillar-shaped section, the flowers being of large size and a deeper blue than any other, and as a variety for pot culture is unexcelled . . . . . . . . . . 15

3241 **Ruth Fischer.** The latest, and said to be the finest and largest flowered Forget-Me-Not yet sent out, producing flowers up to ½ inch in diameter, of true Forget-Me-Not blue; plants of strong, vigorous growth, of exceptional value for pot culture and spring bedding . . . . . . . . . . 25



Myosotis (Forget Me-Not).

## NEMOPHILA (Love Grove).

3400 Of neat, compact habit; blooming freely all summer if planted in a rather cool, shady place, and in not too rich soil; hardy annual. Beautiful mixed varieties. Oz., 25 cts. . . . . . . . . . 5

## NICOTIANA.

3411 **Affinis** (*Tuberose-flowered Tobacco*). Delightfully sweet-scented, pure white, tubular flowers, blooming continually; annuals; 2 to 3 feet. ¼ oz., 20 cts. . . . . . . . . . 5

3414 **Sanderæ Hybrids.** A splendid type in a great variety of colors. . . . 15

3413 **Sylvestris.** Plants of pyramidal growth, 4 feet high, with fine deep green foliage; pure white, fragrant, drooping flowers, borne in loose heads. A most effective plant either used in conjunction with other plants in beds or as single specimens. . . . 10

## Nierembergia.

(Cup Flower.)

3421 **Frutescens.** A half hardy perennial, slender-growing plant, perpetually in bloom, flowering the first year if sown early, desirable for the greenhouse, baskets, vases, or bedding out. White tinted with lilac; 1 foot . . . . . . . . . . 10

Nicotiana Affinis.

**As a free and long-flowering annual nothing excels the annual Larkspurs See colored plate and offer on page 58.**

DREER'S Superb
NASTURTIUMS

For ease of culture, duration of bloom, brilliancy of coloring and general excellence, nothing excels Nasturtiums. All they need is a moderately good soil in a well-drained, sunny position, and from within a few weeks from the time they are sown until hard frost comes there is an endless profusion of their gorgeous blossoms. The varieties offered below were selected, after exhaustive trials, from a very large number of sorts as being the best and most distinct:

## TOM THUMB, DWARF OR BEDDING VARIETIES.

3331 **Aurora.** Primrose, veined carmine pink.
3333 **Beauty.** Light scarlet, green foliage.
3334 **Bronze.** Bronzy orange.
3336 **Chameleon.** Various colors on one plant.
3337 **Cloth of Gold.** Scarlet flowers and yellow foliage.
3338 **Crystal Palace Gem.** Sulphur, maroon blotches.
3341 **Empress of India.** Fiery crimson, dark foliage.
3343 **Golden King.** Rich, golden yellow.
3346 **King Theodore.** Deep crimson maroon, dark foliage.
3347 **King of Tom Thumbs.** Dark scarlet, dark leaves.
3351 **Lady Bird.** Orange-yellow, suffused with red and a bright red blotch at the base of the petals.
3353 **Pearl.** Creamy white.
3354 **Prince Henry.** Cream, spotted and tipped red.
3355 **Regelianum.** Deep, purplish-crimson.
3361 **Rose.** Soft carmine rose.
3362 **Ruby King.** Rich crimson rose.
3365 **Spotted.** Golden yellow, spotted garnet.
3367 **Vesuvius.** Salmony rose, dark foliage.

**Price.** Any of the above Dwarf sorts, 5 cts. per pkt.; 15 cts. per oz.; 40 cts. per ¼ lb.

3370 **Finest Mixed.** Tom Thumb varieties. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.
3379 **Dreer's Collection** of a liberal packet each of the 12 finest dwarf varieties. 50 cts.
3369 **Dreer's Collection** of 1 oz. each of the 12 finest dwarf varieties. $1.25.
3380 **Lilliput or Miniature.** This is a dwarf, compact form of *T. Lobbianum*. It forms small, dense bushes, which are fairly hidden by flowers, the colors of which are very varied, many being new and beautiful shades. Per pkt , 5 cts.; oz., 20 cts.

## TALL, OR CLIMBING VARIETIES (Tropaeolum Majus).

Elegant and luxuriant climbers for verandas, trellises, etc. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seedpods can be gathered while green and tender for pickling; 6 to 10 feet.

3281 **Chameleon.** Different richly-colored flowers on the same plant.
3283 **Crimson.** Rich and velvety.
3282 **Chocolate.** An odd and unique color.
3287 **King Theodore.** Deep crimson maroon; dark foliage.
3291 **Lemon Yellow.** Clear yellow with few red veins.
3292 **Lilac.** A very odd shade of heliotrope lilac.
3294 **Orange.** Pure orange; no markings.
3296 **Pearl.** Creamy white.
3297 **Prince Henry.** Cream, spotted and tipped scarlet.
3298 **Purple.** Rich shade of purplish crimson.
3301 **Rose.** A lovely shade of ruby rose.
3303 **Scarlet.** Glowing vermilion.
3302 **Schulzi.** Rich, deep scarlet.
3304 **Scarlet and Gold.** Foliage yellow; flowers scarlet.
3305 **Straw Striped Scarlet.** Effective.
3307 **Vesuvius.** Salmony rose; an exquisite shade.
3311 **Spotted.** Rich yellow, spotted garnet.

**Price.** Any of the above Tall sorts, 5 cts. per pkt.; 15 cts. per oz.; 40 cts. per ¼ lb.

3320 **Finest Mixed.** Tall or climbing varieties. Per pkt., 5 cts.; oz., 15 cts.; ¼ lb., 30 cts.; lb., $1.00.
3329 **Dreer's Collection** of a packet each of 12 finest climbing sorts, 50 cts.
3319 **Dreer's Collection** of 1 ounce each of 12 finest climbing sorts, $1.25.
3270 **Hybrids of Madame Gunter.** This fine strain contains many novel colors, such as odd shades of salmon-pink, rose, reds, yellows, etc. Strong growers and very free-flowering. 5 cts. per pkt.; 15 cts. per oz.; 40 cts. per ¼ lb.

*Lobb's Climbing, Ivy-leaved and Variegated-leaved Nasturtiums are offered on next page.*

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**Our mixtures of Nasturtiums are made up out of the best named sorts, insuring a large number of colors.**

## Lobb's Climbing Nasturtiums.

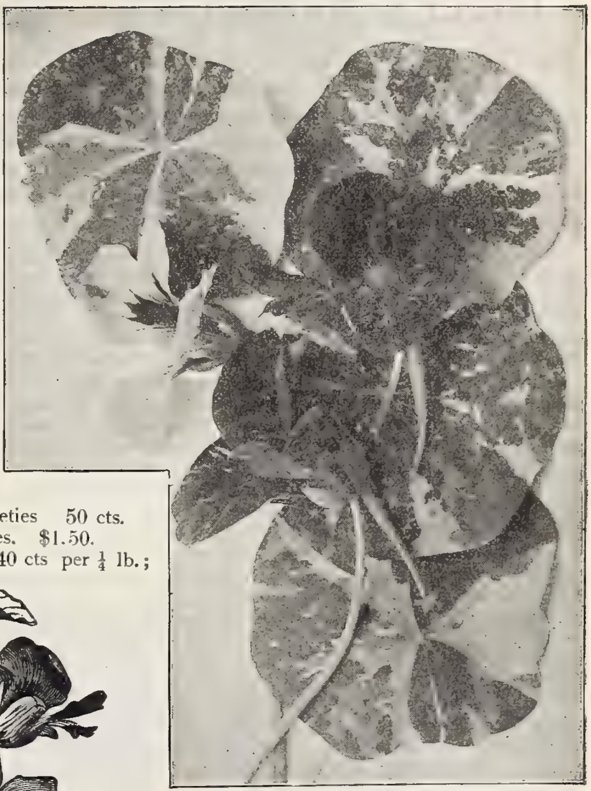
(Tropaeolum Lobbianum.)

There is little difference between these and the tall Nasturtiums. They are especially rich in the red shades, flower even freer, grow to the same height and are very desirable.

3251 **Asa Gray.** Pale primrose yellow, almost white.
3246 **Black Prince.** Velvety black purplish-crimson, dark foliage
3252 **Brilliant.** Geranium scarlet. Fine.
3247 **Cardinal.** Intense deep scarlet, dark foliage.
3253 **Crown Prince of Prussia.** Deep ruby-garnet.
3254 **Giant of Battles.** Sulphur-yellow, blotched red.
3248 **Golden Queen.** Pure golden-orange.
3257 **Princess Victoria Louise.** Creamy white, with fine, conspicuous ruby-rose blotches.
3261 **Regina.** Brilliant salmon-red on opening, changing as they age to almost a cream color.
3255 **Roi des Noirs** (*King of the Blacks*). Deep velvety garnet; very rich, dark foliage.
3262 **Rudolf Virchow.** Fine carmine rose.
3256 **Spitfire.** Brilliant orange-vermilion.

**Price:** Any of the above, 5 cts. per pkt.; 20 cts. per oz.; 50 cts. per ¼ lb.

3259 **Dreer's Collection** of a packet each 12 finest Lobb's varieties 50 cts.
3269 **Dreer's Collection** of 1 oz. each 12 finest Lobb's varieties. $1.50.
3260 **Finest Mixed.** Lobb's. 5 cts. per pkt.; 15 cts. per oz.; 40 cts per ¼ lb.; $1.25 per lb.



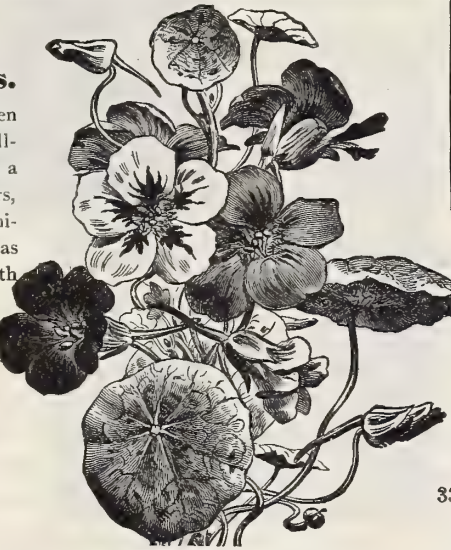
Variegated-leaved Nasturtium.

## Ivy-leaved Nasturtiums.

In this type the rich, verdant green foliage is similar in shape to the well-known English Ivy, and forms a beautiful background to the flowers, many of which are fringed or laciniated, while the colors are as varied as in the ordinary sorts. We offer both the Dwarf and Climbing as under:

PER PKT.

3390 **Dwarf Ivy-leaved.** Makes pretty, compact plants, excellent for beds, borders, boxes, etc. Mixed colors. Per oz., 25 cts.; ¼ lb., 75 cts... 10
3330 **Tall Ivy-leaved.** Of strong, vigorous growth; a very attractive vine. Mixed colors. Per oz., 20 cts.; ¼ lb., 50 cts... 10



Lobb's Nasturtium.

## VARIEGATED-LEAVED NASTURTIUMS.

After years of selecting, a finely variegated-leaved type of this popular annual has at last been "fixed;" the foliage is beautifully marked white, gold and green, and makes very pretty subjects for hanging baskets, porch boxes, borders, etc.

PER PKT.

3381 **Queen of Tom Thumbs.** Dwarf, dense bushes, with variegated foliage and flowers in a large variety of colors. Per oz., 25 cts.; ¼ lb., 75 cts. ........... 10
3321 **Queen of Talls.** Similar to the regular tall Nasturtium, but with variegated leaves; flowers of various colors. Per oz., 25 cts.; ¼ lb., 75 cts.............. 10

Nigella, Miss Jekyll.

## NIGELLA (Love in a Mist, or Devil in the Bush).

3430 **Damascena.** A compact, free-flowering plant, with finely cut foliage, curious-looking flowers and seedpods; of easy culture, growing in any garden soil; hardy annuals; blue and white mixed; 1 foot. Oz., 25 cts. 5
3431 **Miss Jekyll.** A lovely variety with cornflower-blue blossoms, splendid for cutting. (See cut.) ¼ oz., 25 cts.............. 10

## ŒNOTHERA (Evening Primrose).

Charming, mostly low-growing plants, with large and showy flowers of yellow, white, rose, etc. They are of easiest culture, succeeding in almost any kind of soil, but should have a sunny position.

3436 **Perennial Sorts.** Mixed.............. 10
3435 **Annual Sorts.** Mixed.............. 5

## OXALIS.

Beautiful small plants, suitable for the greenhouse, rock-work, or outdoor culture; flowering the first year; half-hardy perennials; 9 inches.

3442 **Rosea.** Rose-colored.............. 10
3443 **Tropæoloides.** Very desirable border plant; flowers deep yellow; foliage dark brown.............. 10

**The Ivy-leaved and Variegated-leaved Nasturtiums offered on this page are well worth growing.**

# Dreer's Perfect Pansies.

PANSIES are too well known to require any description, as they are favorites with all. For best results you must start with a good strain. The finest Pansies are, as a rule, shy seeders, which accounts for the difference in the price of the various mixtures offered.

Miss Ida D. Bennett, the well-known horticultural author and enthusiastic admirer of Pansies, writes the following notes on their culture expressly for this book:

"Pansy seed germinates and the plants grow more freely in the cool, early days of spring, and for summer blooming should be sown by the latter part of April, or early May, in the vicinity of Philadelphia. A soil containing a proportion of leaf mould, well enriched with well decayed cow manure, will be the most satisfactory for the growing of this flower, and it should be well dug and made fine and level.

"Sow the seeds in drills, covering them not more than four times their diameter and firming the soil well above them. The seeds germinate in from eight to twelve days, and should not be allowed to dry out during this period. Covering the seed beds with newspapers will prevent this and hasten somewhat the period of germination.

"As soon as the plants are up and large enough to handle, they should be thinned out or transplanted to stand nine inches apart in the rows. Thorough cultivation should be given from the start, as Pansies will not thrive when obliged to share the beds with a mass of weeds.

"It is a mistake to plant Pansies in the shade of a tree or buildings. An open exposure where the wind has free sweep over the bed is far better, and Pansies so planted are free from the long, straggling branches which produce few and inferior flowers. During dry weather the bed should be watered daily, and in extreme cases twice a day for the best results.

"Seeds sown in April or May will produce blooming plants by the last of June, which will give an abundance of flowers throughout the remainder of the season. About the middle of August is the best time for starting Pansy seeds for early spring blooming, as this allows the plants to go into winter in vigorous condition."

DREER'S ROYAL EXHIBITION PANSIES.

## PANSIES IN MIXTURE.

PER PKT.

3510 **Dreer's Royal Exhibition.** This strain comprises a beautiful collection of colors and markings and is our finest mixture, both as regards size, texture and colorings. Special packets of 2000 seeds, $1.00; of 5000 seeds, $2.00; regular packet........................ 50

3514 **Dreer's Premium.** This mixture comprises a large number of colorings, and is intended to supply the want of a first-class mixture at a moderate price. ⅛ oz., 75 cts. 25

3516 **Masterpiece** (*Frilled Pansy*).. A remarkable type, each petal being conspicuously curled or waved, giving the flower a double or globular appearance. The range of color is very extensive, the rich, dark velvety shades predominating. ⅛ oz., 75 cts.... ......... 25

PER PKT.

3512 **Cassler's Giant.** A grand mixture of the finest blotched varieties, splendid in every way, being large in size and rich in coloring. ⅛ oz., 75 cts.......... 25

3517 **Mme. Perret.** A new and beautiful strain, originated with a French specialist; flowers of largest size and borne very freely in great diversity of colors; especially rich in red and wine shades. The stock we offer comes direct from the introducer. ⅛ oz., 75 cts..... 25

3513 **Giant Parisian.** Of very large size, and containing a great many fancy colors and color combinations. ¼ oz., 75 cts ............. .... ............... 15

3515 **English Finest Mixed.** ¼ oz., 50 cts........... 10

3520 **Good Mixed.** All colors. ¼ oz., 25 cts........... 5

## GIANT TRIMARDEAU PANSIES.

Very large flowers, plants of strong, robust growth and well adapted to the trying conditions of our climate.

3491 **Black.** Dark and velvety..... 10

3492 **Striped.** Very showy....... 10

3493 **White,** with dark eye........ 10

3494 **Yellow,** with dark eye . ... 10

3495 **Emperor William.** Ultramarine blue................ 10

3496 **Fire King.** Mahogany and gold 10

3500 **Finest Mixed.** A splendid range of colors. ¼ oz., 50 cts. 10

3499 **Collection** containing a packet each of the above six fine colors......50

## PANSIES IN SEPARATE COLORS.

3447 **Adonis.** Soft lavender-blue with three deep blue blotches on the lower petals; exquisite..... ..... 10

3451 **Andromeda.** An exquisite new sort, with large, wavy petals of a delicate apple-blossom suffused with rosy-lilac and veined darker...................... 20

3452 **Emperor William.** Brilliant ultramarine blue, with three purple-violet blotches .................. 10

3453 **Faust** (*King of the Blacks*). Almost black .... 10

3454 **Cardinal.** The nearest approach to a bright red. Very showy ............ .................... 10

3455 **Emperor Franz Joseph.** Immense, perfectly formed flowers of pure white, with five large blotches of brilliant violet-blue........ ................ 20

3456 **Kaiser Frederick.** Velvety brownish-red, edged red and yellow; very rich ........... .. .... 10

3463 **Lord Beaconsfield.** Deep purple-violet; shading to white on the upper petals; very effective......... 10

3466 **Mahogany Colored.** Red and velvety.......... 10

3467 **Mauve Queen.** A new and distinct color, being of a delicate mauve, each of the three lower petals marked with a large carmine blotch...... .... .......... 20

3471 **Peacock.** A striking variety; the upper petals being of a beautiful ultramarine blue, while the lateral and lower are of a deep claret, with white margins....... 10

3472 **Psyche.** Five velvety-violet blotches, relieved by a broad margin of white; petals beautifully ruffled ..... 15

3475 **Snow Queen** (*Candidissima*). Very large, satiny white, light yellow centre .... .................. 10

3483 **White,** with dark eye........................ 10

3485 **Golden Yellow,** with dark eye ................ 10

3486 **Yellow Gem.** Pure yellow, without eye ....... 10

3508 **Collection,** 6 distinct varieties, our selection...... 40

3509 **Collection, 12** " " " " .... 75

Tufted Pansies or Bedding Violas are very satisfactory. See page 124.

# PETUNIA.

For outdoor decoration or house culture few plants equal the Petunia in effectiveness. They commence flowering early and continue a sheet of bloom throughout the whole season until killed by frost; easily cultivated, only requiring a good soil and sunny position. We have long been celebrated for our magnificent strains of both the single and double varieties, which we endeavor to improve each year by careful selection and hybridization. We have tested samples received from the leading Petunia specialists of the world, and can safely say without fear of contradiction that **our strain is the best that can be secured from any source at any price.**

Dreer's Superb Single-fringed Petunia.

## Double Large-Flowering Petunias.

Note.—*It is well known that seed saved from the most carefully hybridized flowers produces but a small percentage of double flowers, the balance being singles of unusually fine quality. The weaker seedlings should be carefully saved, as these invariably produce the finest double flowers. The same is true of the single sorts, the large, strong seedlings usually being weedy, while the, at first, weaker seedlings produce the very finest flowers of best colorings. It is best to sow Petunias indoors and transplant to the open in May. The Single Bedding kinds can be sown right out of doors in May.*

PER PKT.

3590 **Dreer's Superb Double-fringed.** Saved from our own unrivalled collection; will produce a large percentage of double flowers of the largest fringed varieties in bright colors and tints. (See cut) .................. 50

3587 **Double Large Flowering.** Beautiful varieties in mixture. Not our own saving, but the best that money can buy from other sources.................. 25

3589 **Imported Collection of Double-fringed.** 6 varieties...... 75

## Single Large flowering Petunias.

PER PKT.

3580 **Dreer's Superb Large-flowering Fringed.** Our own saving from finest flowers; of very large size and beautiful shape; deep-throated, and of varied and brilliant colors, and beautifully fringed. (See cut.) 25

3576 **Giant of California.** Flowers very large, in great variety of colors and markings, with deep yellow throats ...... 25

3577 **Ruffled Giant.** Flowers of extraordinary size and substance, and distinguished from the large-flowering fringed section by the deep fluting, giving the appearance as if artificially ruffled .................. 25

3578 **Fringed Ruffled Giant.** This differs from the preceding in having, in addition to the ruffling, a very fine fringed edging, making a very handsome flower .................... 35

3579 **Imported Collection** of 6 fringed varieties.................. 50

Dreer's Superb Double-fringed Petunia.

## SINGLE BEDDING PETUNIAS.

3564 **Howard's Star.** A beautiful free-flowering strain, color crimson maroon with a clearly-defined five-pointed star of blush-white. For bedding, baskets, vases, etc., this is exceptionally fine; 2 pkts., 25 cts. 15

3566 **Rosy Morn.** Soft carmine pink with white throat; makes a very dainty and at the same time effective border. ⅛ oz., 50 cts....... 15

3565 **Brilliant.** Beautiful and effective compact variety; flowers brilliant carmine pink. ⅛ oz., 50 cts.............................. 15

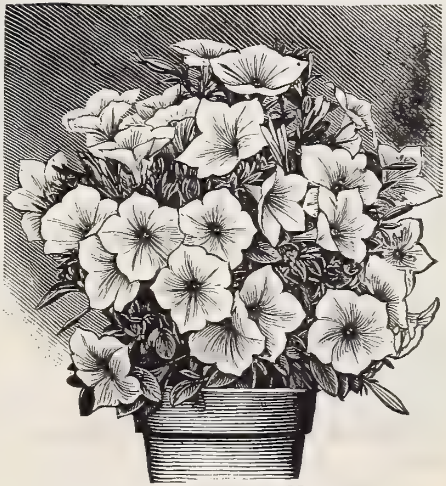
3561 **Dwarf Inimitable.** "Star Petunia," compact-growing variety; flowers cherry-red with a white centre. ⅛ oz., 40 cts............ 10

3562 **Snowball.** A fine compact sort, producing its pure satiny-white flowers throughout the entire season. ⅛ oz., 40 cts.............. 10

3563 **Pure White.** Desirable for cemetery beds, or where large masses of white are wanted. Grows 12 to 15 inches high. Where a more compact sort is wanted, we recommend "Snowball." ¼ oz., 30 cts.. 10

3567 **Striped and Blotched.** A good strain of the small-flowering type; beautifully striped and blotched flowers; fine for massing. ¼ oz., 30 cts. 10

3570 **Fine Mixed.** Good bright colors. ¼ oz., 25 cts.............. 5



Bedding Petunia Rosy Morn.

LARGE-FLOWERING PHLOX DRUMMONDI.

## PHLOX DRUMMONDI.

The annual Phlox is a native of Texas, where it is called "Texan Pride." It occupies a first place as a garden annual, being one of the most brilliant and at the same time one of the easiest and most satisfactory plants, which can readily be grown from seed. It will grow and thrive in any kind of soil if given a sunny position, but prefers a light, rich loam. Seed may be sown in the open ground any time after danger from frost is past, and in a few weeks they are a sheet of bloom, remaining so until frost. They may be used in a variety of ways, such as a carpet to beds of Roses, in boxes, vases, etc., but it is when grown in masses, in beds or borders, that they show to best advantage.

| | | PER PKT. |
|---|---|---|
| 3600 | **Phlox Drummondi, Mixed Colors.** Flowers not so large as the grandiflora type, but just as free-flowering and effective. ¼ oz., 20 cts.; oz., 60 cts. | 5 |

## Select Large-flowering Varieties.

**(Phlox Drummondi, Grandiflora.)**

This is the finest type, having the largest heads of bloom, as well as the largest individual flowers. 15 inches.

| | | | | | |
|---|---|---|---|---|---|
| 3601 | **Snow White** | 10 | 3604 | **Bright Scarlet** | 10 |
| 3602 | **Shell Pink** | 10 | 3605 | **Rich Crimson** | 10 |
| 3603 | **Deep Rose** | 10 | 3606 | **Primrose** | 10 |
| 3607 | **Soft Lilac** | 10 | | | |
| 3619 | **Collection** of a packet each of the above 7 colors | 50 | | | |
| 3620 | **Choicest Mixed, Large-flowering.** Contains a very large variety of colors. ¼ oz., 25 cts.; oz., 75 cts. | 10 | | | |

## Large-flowering Dwarf Varieties.

A type combining the size of the individual flower and head of the finest Grandifloras with the dwarf, compact growth of the Dwarf sorts, a perfect combination; and while they do not come in the large variety of colors found in the taller-growing type, the colors offered will be found very effective for beds, borders, etc., etc.; 8 inches.

| | | |
|---|---|---|
| 3643 | **Brilliant Rose** | 15 |
| 3644 | **Fiery Scarlet** | 15 |
| 3645 | **Pure White** | 15 |
| 3650 | **Finest Mixed Colors.** Per ¼ oz., 50 cts. | 10 |
| | One pkt. each of the 3 colors | 30 |

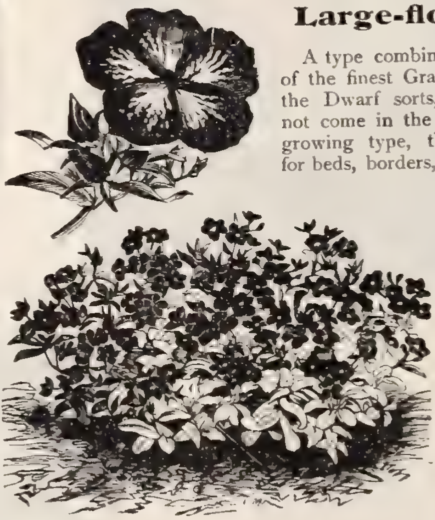
## STAR PHLOX.

(P. Cuspidata.)

| | | PER PKT. |
|---|---|---|
| 3640 | Of dwarf habit, with very pretty star-shaped flowers. A novel variety; mixed colors. ¼ oz., 25 cts. | 10 |

## DOUBLE PHLOX.

| | | |
|---|---|---|
| 3638 | Especially desirable for cut flowers, lasting better than the single sorts. To produce the best results they should be grown in a light soil. Finest mixed colors. (See cut.) | 10 |



DWARF PHLOX DRUMMONDI.

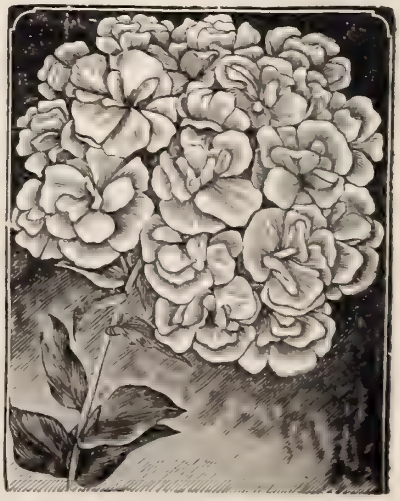
## DWARF PHLOX (Nana Campacta).

This strain is of dwarf, compact habit, and makes desirable pot plants, also for ribbon lines and massing; 6 inches high. (See cut.)

| | | PER PKT. |
|---|---|---|
| 3621 | **Fair Maid.** Delicate flesh pink | 10 |
| 3622 | **Fireball.** Scarlet | 10 |
| 3624 | **Snowball.** White | 10 |
| 3630 | **Dwarf Mixed.** Per ¼ oz., 50 cts. | 10 |
| 3629 | **Imported Collection** of 6 dwarf varieties | 40 |

## HARDY PERENNIAL PHLOX (P. Decussata).

| | | |
|---|---|---|
| 3641 | Hardy herbaceous perennial and quite distinct from the varieties of Phlox Drummondi, which are annuals, offered above; all colors mixed; saved from our own unequalled collection. It is best to sow this as soon as gathered in the autumn. ¼ oz., 50 cts. | 10 |



DOUBLE PHLOX.

## PENTSTEMON (Beard Tongue)

Highly useful and attractive hardy perennials, and much used in the hardy border.

PER PKT.

3532 **Sensation.** As a bedding plant this takes rank with the Petunia, Phlox, etc., etc. It grows about 2 feet high, every branch being a spike of large, Gloxinia-like flowers in a very wide range of bright colors, including rose, red, carmine, cherry, pink, lilac, purple, etc. Not quite hardy and best treated like Petunias, Verbenas, Salvia, etc. (See cut.) 2 pkts., 25 cts.... 15

3533 **Barbatus Torreyii.** Spikes of brilliant coral-red; very effective; June to August; 3 to 4 feet.............................................. 10

3536 **Digitalis** (*Foxglove Pentstemon*). Spikes of white flowers, with purple throat, during July and August.......................................... 10

3535 **Pubescens.** Spikes of bright rosy-purple flowers in July and August; 1½ ft................................................................ 10

3538 **Pulchellus Hybridus.** Forms pyramidal bushes 2 to 3 feet high, with erect branches thickly set with flowers, 1½ inches long, varying in all shades from rosy white and chamois to purple, with veined throats......... 15

3540 **Mixed.** A great variety of kinds and colors .............................. 5

## PERILLA.

3551 **Nankinensis.** Foliage dark purple, producing a charming contrast with silvery-leaved plants; grows freely in any soil; annual; 2 feet. Oz., 25 cts.. 5

## PHYSOSTEGIA (False Dragon Head).

3651 **Virginica.** One of the prettiest hardy perennials, forming dense bushes, 3 to 4 feet high, and bearing freely during the summer months spikes of delicate pink tubular flowers not unlike a gigantic heather.............................. 10

## PLATYCODON (Chinese Bell Flower).

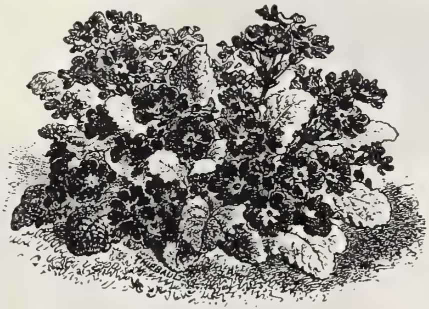
One of the best hardy perennials, producing very showy flowers during the whole season. They form large clumps, and are excellent for planting in permanent borders or among shrubbery; easily raised from seed, which begins blooming in August if sown outdoors in April.

3663 **Grandiflorum.** Large steel-blue flowers. ¼ oz., 25 cts................ 5

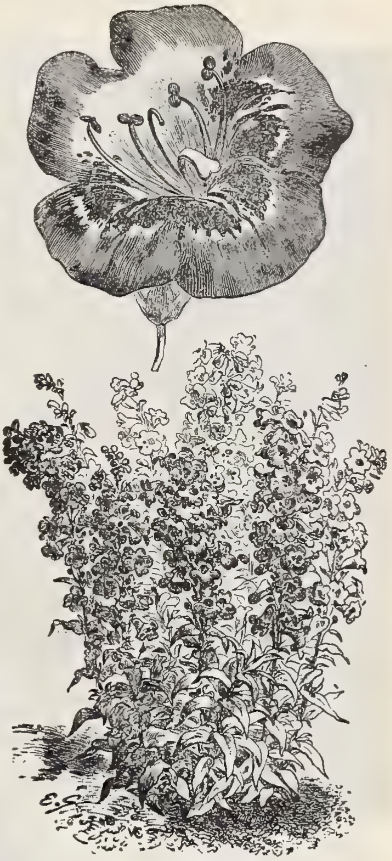
3664 — **Album.** Pure white variety. ¼ oz., 25 cts.......................... 5

3662 **Mariesi.** Large, open, bell-shaped flowers of a rich violet-blue; plant dwarf and compact. ¼ oz., 25 cts........ 5

3661 **Japonicus Fl. Pl.** (*Double Japanese Bell Flower*). Large, glossy, deep blue flowers. The inner petals alternate with the outer ones, giving the flower the appearance of a ten-pointed blue star. (See cut.)..................15



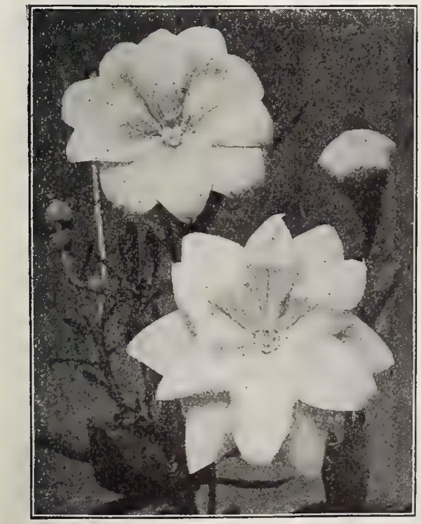
Polyanthus



Pentstemon Sensation.

## ANNUAL LARKSPURS.

Among easy grown annuals none excel this charming family. To bring them prominently to the notice of our customers we show them in colors, and offer a select list of the most distinct colors on page 58.



Platycodon Japonicus Fl. Pl.

## POLYANTHUS.

(Primula Elatior.)

Showy, early spring, free-flowering plants, fine for either pot or outdoor culture; hardy perennials; 9 inches.

PER PKT.

3680 **English.** The best single; all colors mixed. ¼ oz., 50 cts. 10

3676 **Gold-laced.** Very showy and attractive............ 15

## POLYGONUM.

(Knotweed.)

3681 **Compactum.** A fine hardy perennial, growing about 15 inches high, and completely covered with a mass of foamy white flowers the entire autumn; splendid for the rockery or hardy border.......... 15

Platycodon Grandiflora.

**Nothing finer in Asters can be had than those offered on pages 59 to 61.**

# POPPIES.

Annual Poppies should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. Sow very thinly, preferably in cloudy weather or after a shower, barely cover the seed, press down firmly, and they will come up in a few days. If they come up too thickly they must be thinned out to stand 3 to 4 inches or more apart if you wish best results. It is well to make several sowings at intervals to keep up a succession of bloom. If picked just before expanding the flowers will last several days. It is also advisable to pick the old flowers as soon as fallen, which will lengthen the blooming season quite a while.

Dreer's Select Shirley Poppies.

## SINGLE ANNUAL POPPIES.

PER PKT

3696 **Dreer's Select Shirley.** This is an extra fine strain of these charming Poppies. They are single and occasionally semi-double, and range in color from the purest white through the delicate shades of pale pink, rose and carmine to the deepest crimson and blood-red, while many are daintily edged and striped. In fact, so varied are they that scarcely any two flowers are exactly alike. Oz., 50 cts .......... 10

3701 **Burbank's "Sunset" Shirley.** Mr. Burbank says: "This is by far the most refined of all Poppies. The shading is marvelous, fire shades, various beautiful soft pink shades, with white and various markings. They have been selected with the utmost care for a number of years, coming as near perfection as flowers could." ¼ oz., 40 cts .......... 15

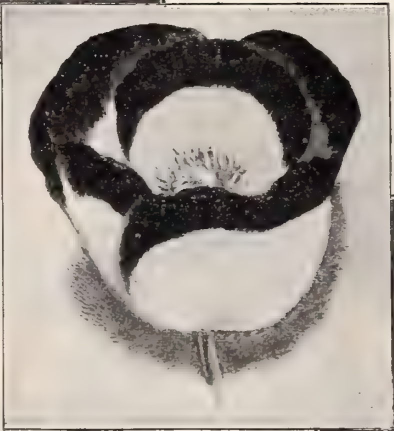
3687 **Admiral.** A single pæony-flowered variety of surpassing beauty, having large, smooth-edged flowers of glistening white, with a broad band of brilliant scarlet around the top. These two colors form a very striking contrast, and when planted in groups produce a magnificent effect. (See cut.) ¼ oz., 25 cts. 10

3689 **Charles Darwin.** Remarkable for the unique color of its large, smooth-edged flowers, being a striking rich dark purple, with a velvety black spot at the base of each petal. A dense wreath of white anthers produces a fine contrast with the extraordinary color of the flower. 2 pkts., 25 cts. ....... 15

PER PKT.

3688 **Dainty Lady.** Immense flowers, 4 to 5 inches across, of a charming mode shade of rosy mauve, with a large dark metallic blotch at the base of each petal. 2 pkts., 25 cts. 15

3691 **Danebrog, or Danish Cross.** Very showy variety, producing large flowers of brilliant scarlet; with a silvery-white spot on each petal, forming a white cross, which is nicely shown in the illustration on this page. Per oz., 25 cts. .......... 5



Admiral Poppy.

3692 **English Scarlet.** The scarlet field Poppy. Oz, 40 cts. .......... 5

3694 **Flag of Truce.** Large satiny-white flowers. Per oz., 25 cts. .......... 5

3695 **Tulip Poppy** (*Papaver Glaucum*). One of the most brilliant; the flowers are 3 inches across and closely resemble the brilliant Scarlet Gesneriana Tulip; 2 feet. Per ¼ oz., 25 cts. .......... 10

3693 **Fire Dragon.** Very showy flowers of brilliant deep scarlet, with black spots, margined white; 2 to 2½ feet. Per ¼ oz., 20 cts .......... 10

3697 **The Bride.** A beautiful large, pure white. Per oz., 25 cts. .......... 5

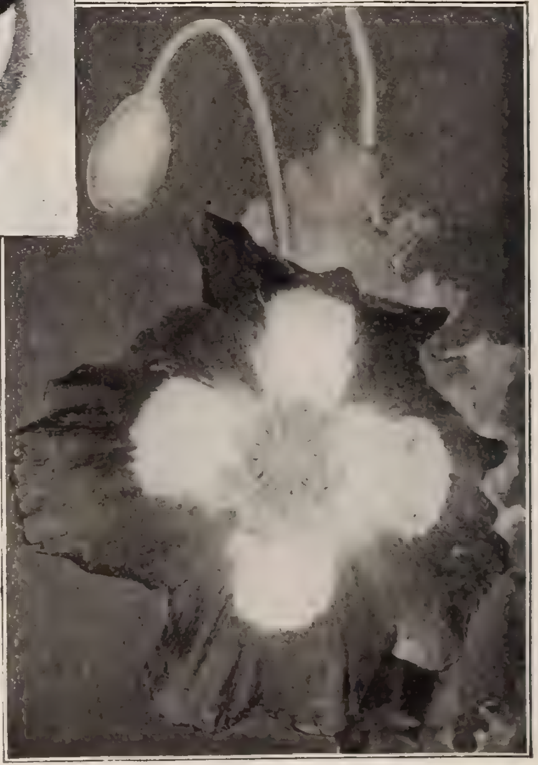
3698 **Umbrosum.** Richest vermilion, with a deep, shining black spot at the base of each petal. Per oz., 30 cts. .......... 5

3699 **Virginia.** Large, beautifully fringed flowers of pure white edged with soft pink; exquisite when cut. 2 pkts., 25 cts. 15

3702 **Miss Sherwood.** Large flowers of a satiny-white, the upper half being a silky chamois rose; a combination of rare delicacy Per oz., 40 cts. .......... 10

3710 **Single Mixed.** Annual sorts. Oz., 20 cts. .......... 5

3709 **Imported Collection** of 6 single varieties. .......... 25



Danebrog, or Danish Cross Poppy.

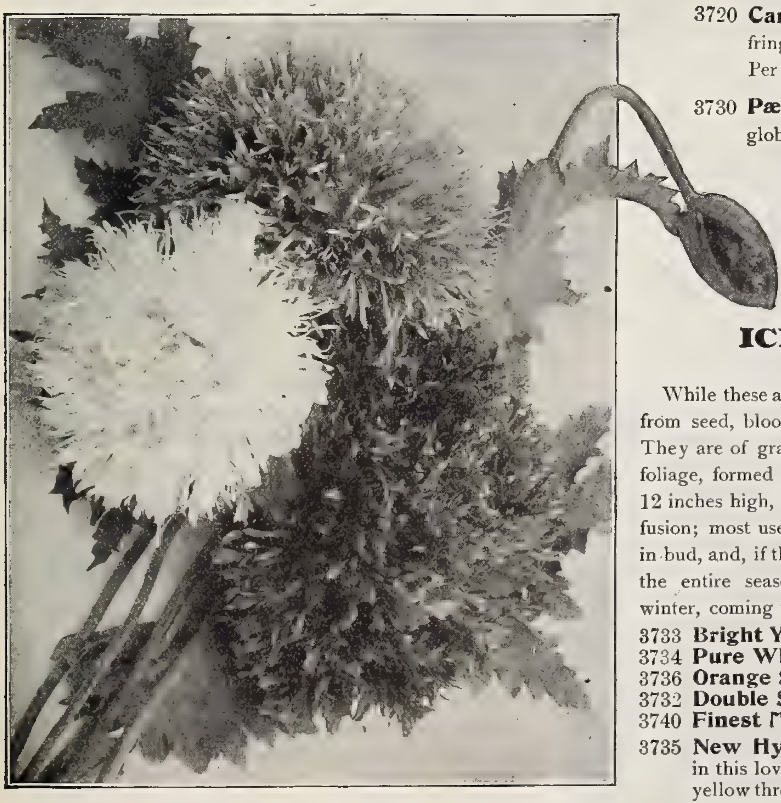
Poppies are continued on pages 113 and 114.

# DOUBLE ANNUAL POPPIES.

The same culture as given at the top of the preceding page should be followed in the case of the double-flowering annual sorts. They make a gorgeous show during their flowering period, and are largely used for beds and borders.

| | | PER PKT. |
|---|---|---|
| 3711 | **American Flag.** Beautiful variety, flowers very large and double, snow-white, bordered with scarlet. Per oz., 30 cts. | 5 |
| 3712 | **Fairy Blush.** Very double flowers of pure white, elegantly fringed and tipped with rose. Per oz., 25 cts. | 5 |
| 3713 | **Golden Gate.** Comprising an infinite variety of semi-double and double flowers in the greatest variety of colors. Per oz., 30 cts. | 5 |
| 3714 | **"Mikado"** (*The Striped Japanese Poppy*). This beautiful Poppy is very distinct in character and color. The flowers are brilliant scarlet and white, with elegantly curved petals, like a Japanese Chrysanthemum. Per oz., 25 cts. | 5 |
| 3715 | **White Swan.** Immense double flowers, beautifully fringed and of purest white, of the same dwarf habit as Cardinal and Shell-pink. Per oz., 25 cts. | 5 |
| 3716 | **Cardinal.** A splendid dwarf variety of the carnation-flowered type, growing about 2 feet high and bearing large globular, fringed flowers of an intense cardinal red. Per oz., 25 cts. | 5 |
| 3717 | **Shell-pink.** Similar in every way to Cardinal and White Swan, except color, which is a soft sea-shell or chamois-pink; very dainty. Per oz., 25 cts. | 5 |

Double Pæony-flowered Poppies.



Double Carnation Flowered Poppies.

| | | PER PKT. |
|---|---|---|
| 3720 | **Carnation Flowered.** Splendid double-fringed flowers, mixed colors. (See cut.) Per oz., 20 cts. | 5 |
| 3730 | **Pæony Flowered.** Large, showy, double globular flowers, resembling a double Pæony, mixed colors. (See cut.) Per oz., 20 cts. | 5 |
| 3719 | **Imported Collection** of 8 varieties. Double Carnation-flowered. | 30 |
| 3729 | **Imported Collection** of 8 varieties. Double Pæony flowered. | 30 |

## ICELAND POPPIES.

(Papaver Nudicaule.)

While these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts. They are of graceful, neat habit, with bright green fern-like foliage, formed in tufts, from which issue slender stalks about 12 inches high, bearing their brilliant flowers in endless profusion; most useful for cutting, for which purpose pick when in bud, and, if the seed pods are picked off, continue in flower the entire season. They remain evergreen throughout the winter, coming into bloom early the following spring.

| | | |
|---|---|---|
| 3733 | **Bright Yellow** | 10 |
| 3734 | **Pure White** | 10 |
| 3736 | **Orange Scarlet** | 10 |
| 3732 | **Double Scarlet.** Somewhat variable | 10 |
| 3740 | **Finest Mixed.** All colors. ¼ oz., 25 cts. | 10 |
| 3735 | **New Hybrid Iceland.** The latest development in this lovely species, varying in color from sulphur-yellow through different shades of orange to chamois and salmony rose, some of which are very striking. | 15 |

The Hardy Perennial Large Oriental Poppies are offered on next page.

## HARDY PERENNIAL POPPIES.

Oriental and Bracteatum Poppies should be sown in early spring in the open ground as soon as it is fit to work. The plants disappear during July or August, appearing again as soon as the weather gets cool. When this fall growth starts is the time they should be transplanted to their permanent flowering quarters. It is well to mark the places they are planted with a stake to insure the roots against disturbance during their annual resting period.

PER PKT.

3731 **Bracteatum.** Immense orange-scarlet flowers, very similar to the Oriental Poppy. ¼ oz., 20 cts........ 5

3747 **Orientale** (*The Large Oriental Poppy*). A charming summer-flowering hardy plant, producing numerous leafy stems about 2½ feet high, with large, deep crimson flowers, having a conspicuous black blotch on each petal; exceedingly showy. ¼ oz., 25 cts........... 10

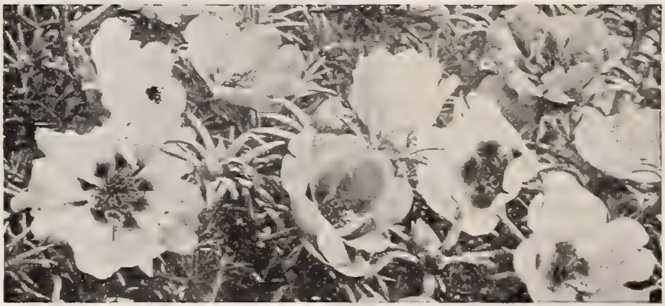
3748 **Orientale "Mammoth."** This new variety exceeds in size all previous introductions. The plant is of strong growth, bearing its enormous glowing scarlet upright flowers on stems over 4 feet high. 3 pkts., 50 cts........................................ 20

3750 **Orientale Hybrids.** Beautiful hybrids of the Oriental Poppy, producing flowers of immense size, 6 inches and over in diameter, and of many novel colors, such as salmon, cherry, etc. ¼ oz., 50 cts.......... 15

## ICELAND POPPIES.

This charming class of hardy Poppies are offered on preceding page.

ORIENTAL POPPY.



SINGLE PORTULACAS.

## How to Grow Flowers From Seed.

This subject is fully treated in the articles appearing on pages 55 to 57, and we feel sure that if the directions there given are followed that success will be the rule.

DOUBLE PORTULACAS.

## PORTULACA (Sun Plant).

One of our finest hardy annual plants, of easy culture, thriving best in a rather rich, light loam or sandy soil, and luxuriating in an exposed, sunny situation; the flowers are of the richest colors, and produced throughout the summer in great profusion; fine for massing in beds, edgings or rock work, and frequently used to sow broadcast over sunny banks, etc., in any case it is well to mix the seed with three or four times its bulk of dry sand or soil which permits an easy and even distribution of the seed; 6 inches.

PER PKT.

3770 **Single Mixed.** All colors. Per oz., 40 cts....... 5

3760 **Double Mixed.** A large percentage of the flowers will come perfectly double, of the most brilliant scarlet, crimson, white, yellow, etc. ¼ oz., 50 cts..... ..... 10

3769 **Imported Collection** of 8 single varieties........ 25

3759 **Imported Collection** of 8 double varieties........ 50

## PUERARIA THUNBERGIANA.

**(Japanese Kuduz Vine)**

3835 To this must be awarded first place as the fastest-growing hardy climbing plant. It will grow 8 to 10 feet the first year from seed, and after it has become established there seems to be no limit to its growth, 50 feet in a single season being not unusual. Its foliage is large and covers well; it bears small racemes of rosy-purple, pea-shaped blossoms towards the close of August. A splendid subject for covering permanently verandas, dead trees, etc. ¼ oz., 40 cts............. 10

**Novelties and Specialties in Flower Seeds are offered on pages 58 to 68.**

# PRIMULA (Primrose.)

The charming and beautiful Chinese Fringed Primroses and obconica varieties are indispensable for winter or spring decorations in the home or conservatory. They are one of the most important winter blooming pot plants. The seed we offer is of the highest merit, and has, as usual, been saved from the best strains of English and Continental growth. Florists and others report that they have never seen finer flowers than those produced from our seed. Sow in March, April or May. The hardy varieties are also deserving of wide cultivation.

## PRIMULA OBCONICA.

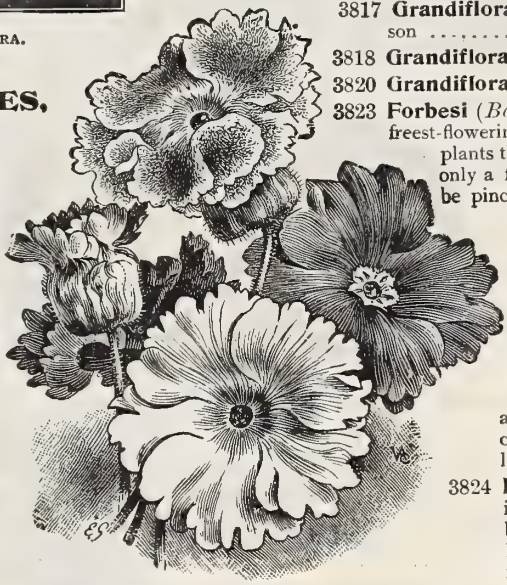
These are of the easiest culture in greenhouse or light window of dwelling house, flowering abundantly and continuously with little care, and should be sown during the spring in good porous loam. They will not germinate well in any compost containing peat or leaf mould. To develop the colors to the highest degree grow in heavy soil, and at a temperature as near 60 degrees as possible. The Grandiflora varieties are the freest-flowering, but lack the very large individual blooms of the newer Gigantea type.

| | | PER PKT. |
|---|---|---|
| 3811 | **Gigantea Kermesina.** Rich crimson | 25 |
| 3812 | **Gigantea Rosea.** Pure rose color | 25 |
| 3815 | **Gigantea Mixed.** All colors | 20 |
| 3816 | **Grandiflora Alba.** Pure white | 20 |
| 3817 | **Grandiflora Kermesina.** Bright crimson | 20 |
| 3818 | **Grandiflora Rosea.** Beautiful clear rose | 20 |
| 3820 | **Grandiflora Mixed.** All colors | 10 |
| 3823 | **Forbesi** (*Baby Primrose*). This is the freest-flowering primula we know of. The little plants throw up tiny flower stalks when only a few weeks old. These should be pinched off and the plants kept growing until October, and from then on until late in spring they produce their sprays of beautiful rosy-lilac flowers in seemingly never ending profusion | 25 |
| 3822 | **Floribunda.** Of the same general character as *Obconica*, differing only in color of the flower, which is a lovely shade of yellow | 25 |
| 3824 | **Kewensis.** This new variety is most attractive, with pleasing bright yellow flowers borne on long stems. It is delightfully fragrant and stands well as a house plant | 25 |

Primula Obconica Grandiflora.

### Large-flowering
## CHINESE PRIMROSES.

| | | PER PKT. |
|---|---|---|
| 3782 | **Alba Magnifica.** The finest pure white | 25 |
| 3783 | **Covent Garden Red.** A fine rosy red | 25 |
| 3787 | **Rosy Morn.** Beautiful delicate pink | 50 |
| 3784 | **Holborn Blue.** Unique shade. | 50 |
| 3790 | **Stellata.** A very pretty form with large heads of star-shaped flowers of various colors; a splendid type for decorative purposes | 50 |
| 3810 | **Double-flowering.** Finest varieties mixed | 50 |
| 3791 | **Fern-leaved, Finest Mixed** | 25 |
| 3800 | **Dreer's Choicest Mixed.** This mixture contains nothing but the finest-fringed free-flowering sorts, and cannot fail to give entire satisfaction. (See cut) | 25 |



Dreer's Choicest Mixed Chinese Primroses.

## HARDY PRIMROSES.

These are among the best of the early spring-blooming plants. With a slight protection they will stand the winter, but will do better if protected by a cold frame.

| | | |
|---|---|---|
| 3821 | **Cortusoides Amœna** (*Sieboldi*). Charming variety; mixed colors | 25 |
| 3825 | **Japonica** (*Japanese Primrose*). Bright and showy flowers, borne in whorls on stems 6 to 9 inches long; mixed colors | 10 |
| 3830 | **Vulgaris** (*English Primrose*). Canary-yellow, fragrant. ¼ oz., 50 cts. | 10 |

*See also Auricula, Cowslip and Polyanthus.*

Primula Vulgaris (English Primrose).

**Chinese Fringed and Obconica Primroses stand close to the head of the list of winter-blooming plants, which can be grown by the amateur.**

PYRETHRUM HYBRIDUM.

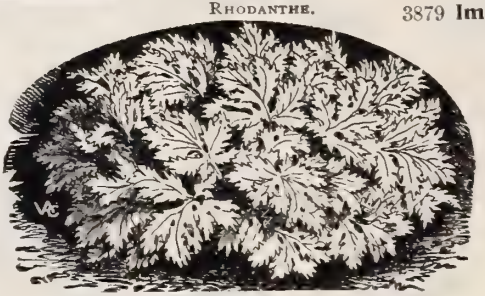
## PYRETHRUM.

Handsome herbaceous plants of easy culture, and becoming more popular as they become better known.

*P. aureum* is the well-known Golden Feather so much used for edging, carpet bedding, etc., while the others are most attractive hardy plants.

PER PKT.

3841 **Aureum** (*Golden Feather*). Yellow foliage. Per ¼ oz., 20 cts. .................... 5



PYRETHRUM AUREUM.

3842 **— Selaginoides.** Beautiful variety with golden, moss-like foliage. Per ¼ oz., 30 cts. .................... 10

3846 **Hybridum.** Large flowering single mixed. Hardy perennial, bearing large Daisy or Cosmos-like flowers, ranging in color from light pink to deep red, with bright yellow centres; blooms in May and June and again in the fall, and are one of the most graceful and long-lasting cut flowers; 2 feet. Per ¼ oz., 40 cts. .................... 10

3847 **— Grandiflorum.** This new large-flowering form produces blooms measuring over four inches in diameter in all the variations of color between light rose and deep carmine. ¼ oz., 75 cts. .................... 15

3845 **Hybridum Fl. Pl.** Large double flowers, resembling a China Aster, only more refined; mixed colors; 1½ feet. ..... 25

3851 **Uliginosum** (*Giant Daisy*). A fine hardy perennial, grows 3 to 4 feet high, and from July to September is literally hidden beneath the multitude of large white daisy-like flowers. Blooms the first year if sown early. ⅛ oz., 40 cts .................... 10

## RHEXIA (Meadow Beauty).

3856 **Virginica.** A pretty dwarf hardy perennial, growing 9 inches high and bearing the greater part of the summer bright rosy-purple flowers with golden anthers .................... 10

## RHODANTHE (Swan River Everlasting).

3860 A charming annual; succeeds in a light, rich soil and a warm, sheltered situation; valuable for pot culture; flowers everlasting; mixed colors; 1 foot. .................... 5

## RICINUS (Castor Oil Bean).

Ornamental plants of stately growth and picturesque foliage, with brilliant colored fruit, producing sub-tropical effect; fine for lawns, massing or centre plants for beds.

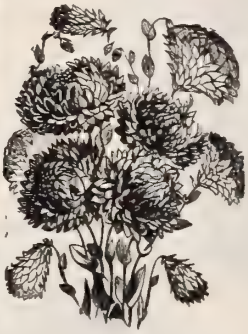
PER PKT.

3861 **Borboniensis.** Green foliage; 15 feet. Per oz., 15 cts. ....... 5

3863 **Gibsoni.** Deep red foliage; 5 feet. Per oz., 15 cts. .......... 5

3862 **Cambodgiensis.** The main stem and leaf stalks are shining ebony, leaves large, regularly divided and richly colored. The foliage assumes different shades as the plant increases in size, so that very striking effects may be obtained when planted in groups; 5 feet. Per oz., 20 cts. .................... 5

3864 **Philippiensis.** A variety from the Philippines, with beautiful gigantic foliage; 10 feet. Per oz., 15 cts. .................... 5



RHODANTHE.

3865 **Sanguineus.** Blood-red stalks and clusters of red fruit; 8 feet. Per oz., 15 cts .................... 5

3870 **Zanzibariensis.** A distinct class, which surpasses in size and beauty all varieties. The plants attain great dimensions, presenting a splendid aspect with their gigantic leaves. The different varieties included in our mixture have light and dark-green leaves and some of coppery-bronze, changing to dark green, with reddish ribs. The seeds are quite distinct in color and beautifully marked. (See cut.) Per oz., 15 cts. .................... 5

3880 **Mixed.** All sorts. Per oz., 15 cts.. 5

3879 **Imported Collection** of 8 distinct varieties .................... 30

RICINUS ZANZIBARIENSIS (Castor Oil Bean).

## ROSMARINUS.

(Rosemary.)

3895 **Officinalis.** An old favorite aromatic herb, delightfully fragrant, flowers light blue, grows about 2 feet high, should be planted in a warm, dry, situation and given a little protection. ¼ oz., 15 cts.... 5

## RUDBECKIA (Cone Flower).

PER PKT.

3901 **Bicolor Superba.** Fine free-flowering annual variety, growing about 2 feet high, forming a dense bush and producing in great abundance on long stems its bright flowers. The disc is brown, the florets golden-yellow, with large velvety-brown spots at the base; very effective and useful for cutting. (See cut.) 10

3905 **Bicolor superba plena.** A new completely double-flowering type. The plant grows from 18 to 24 inches high; the double Zinnia-like flowers are golden-yellow with a dark brown tip at the base of the petals. Very free-flowering over a season, which begins in July, continuing till frost. 2 pkts., 25 cts. . . . . . . . . 15

3906 **Fulgida.** An effective hardy perennial sort, producing in masses during August and September brilliant orange-yellow flowers; 3 feet. . . . . . . . . . . . . . . . 10

3902 **Newmani.** One of the finest of autumn-flowering perennials, bearing large flowers. Bright orange-yellow petals, surrounding a large black cone; a showy flower . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 15

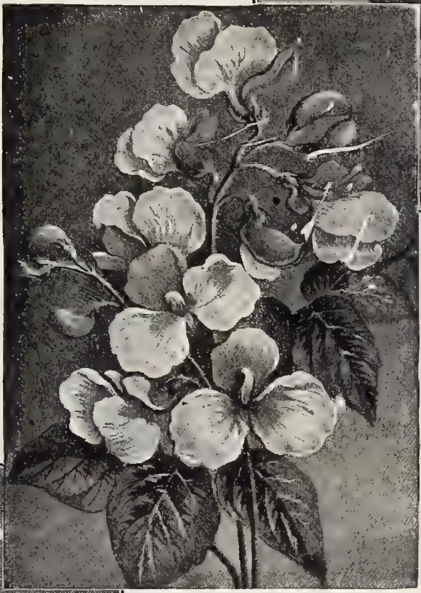
3903 **Purpurea** (*Giant Purple Cone-Flower*). A most interesting hardy perennial, producing all summer large, showy, reddish-purple flowers; about 4 inches across, with a remarkably large cone-shaped centre of brown; thickly set with golden tips in spiral lines. . . . 15

## SAPONARIA.

(Bouncing Bet.)

3939 **Caucasica Fl. Pl.** A hardy perennial of easiest culture, producing all summer double, blush-white, fragrant flowers; 15 inches. 10

3940 **Vaccaria.** A pretty and useful annual variety, grows about 2 feet high and bears masses of satiny pink flowers somewhat like an enlarged Gysophila; charming for cutting, adding grace to any arrangement of flowers. Several sowings should be made to keep up a succession of bloom. Per oz., 30 cts. . . 5



Butterfly Runner Bean.

Rudbeckia Bicolor Superba.

Salpiglossis Improved Large-Flowering.

## SALPIGLOSSIS.

(Painted Tongue.)

The Salpiglossis is one of the greatest favorites among annuals, partly because of its easy culture, but principally for its beautiful, almost orchid-like flowers, which it produces from early summer until late fall. Seed should be sown early in spring in a hotbed or window and transplanted when weather is settled or directly out of doors after danger of frost. (See cut.)

### IMPROVED LARGE-FLOWERING.

This is a splendid strain of these beautiful annuals.

PER PKT.

3912 **Crimson** . . . . . . . . . . . . . . . 10
3913 **Primrose** . . . . . . . . . . . . . . . 10
3914 **Purple and Gold** . . . . . . . . 10
3915 **Rose and Gold** . . . . . . . . 10
3916 **Scarlet and Gold** . . . . . . 10
3917 **White and Gold** . . . . . . . 10
3919 **Collection** of a packet each of the above 6 sorts . . . . . . . . . . . . . . . . 40
3920 **Finest Mixed.** All colors. ¼ oz., 30 cts. . . . . . . . . . . . . . . . . . . . . 10
3921 **Emperor.** This variety forms only one leading stem, and bears on its summit a veritable bouquet of the most beautiful flowers, each one richly veined with gold . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 10

## SCARLET RUNNER BEANS.

3595 **Scarlet Runners.** A great favorite in England and Europe, not only as an ornamental climber, but for the delicious edible beans which succeed the bright scarlet sprays of pea-shaped blossoms. Per pint, 30 cts., postpaid . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 5

3594 **Butterfly Runner** (*Phaseolus Multiflorus Papilio*). This new variety of the Scarlet Runner Bean is a very pretty climber, with large pink and white blossoms borne in sprays and produced in the greatest profusion from early summer till frost. The flowers are followed by edible pods as fine as any string bean, thus serving the double purpose of being not only highly ornamental but useful as well. Per oz., 10 cts. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 5

**Do not fail to read the articles on growing Flower Seeds on pages 55 to 57.**

SALVIA SPLENDENS. (SCARLET SAGE.)

## SALVIA (Flowering Sage).

The Scarlet Sage has long been a favorite bedding plant, also grown for conservatory decoration, bearing long spikes of flowers in great profusion from July till frost; half-hardy perennials, blooming the first year from seed, which should be sown as early as possible either indoors or in a hotbed, and the young plants transferred to their flowering quarters when the weather has become settled and warm. May also be sown in the open ground in May.

PER PKT.

3935 **Splendens** (*Scarlet Sage*). Beautiful bright scarlet; 3 feet. ¼ oz., 40 cts. . . . . . . . . . . . . . . . . . . . . . . . . . 5

3931 — **Ball of Fire.** A compact type of Scarlet Sage and popular for beds or borders requiring a variety of dwarfer habit than the regular Scarlet Sage of the variety "Bonfire." Per ⅛ oz., 60 cts. . . . . . . . . . . . . . . . . . . . 15

3932 — **"Bonfire."** This is one of the finest of the Scarlet Sages, growing in a compact bush 2 feet high by 2 feet in diameter. Its erect spikes of flowers of brilliant scarlet stand clear above the dark-green foliage and completely cover the plant. It attracts immediate attention in the garden, and is one of the most effective and gorgeous plants in cultivation. Per ¼ oz , 75 cts. . . . . . . . . . . . . 10

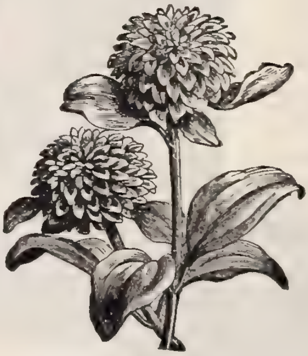
3933 — **"Burning Bush."** This variety of Scarlet Sage forms strong, sturdy bushes 2½ feet high, and bears the finest individual spikes of flowers of all, many of them being over 18 inches in length; color intensely rich scarlet; decidedly one of the best. ¼ oz., 75 cts . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 10

3937 — **Zurich.** A splendid dwarf variety, growing about 2 feet high, and is especially valuable on account of being the earliest to bloom, flowering 10 days in advance of any other sort. ⅛ oz., 75 cts. . . . . . . . . . . . . . . 20

3931 **Patens** (*Blue Sage*). In color this is as blue as the "Scarlet Sage" is red; unlike the latter, however, it is not useful for bedding, but is a beautiful plant for the border or greenhouse; tender perennials; 2 feet. . . . . 25

3928 **Azurea Grandiflora.** A hardy perennial variety, producing during August and September spikes of pretty sky-blue flowers in great profusion; 2 to 5 feet. 10

3929 **Farinacea.** A perennial variety, but best grown as an annual. Seed sown in the open ground in May blooming from July to frost. The fine light blue flowers are borne on long spikes held above the the foliage; makes a good blue line, 2 feet. . . . . . . . . . . . . 10



SANVITALIA PROCUMBENS FL. PL.

## SANVITALIA.

PER PKT.

3938 **Procumbens Fl. Pl.** An annual of dwarf, compact growth, useful in masses in beds or edges of borders, or in vases, baskets, etc. Showy bright yellow double flowers, in bloom all summer. (See cut.). 10

## SILENE (Catchfly).

3975 **Pendula Compacta.** A pretty hardy annual, forming compact bushes not over 6 inches high and bearing masses of bright single and double white, rose and red flowers. Sow the seed from April to June, or, if wanted early, may be sown in early fall. Mixed colors. Per oz., 30 cts . . . . . . . . . . . . . . . . . . . . . 5

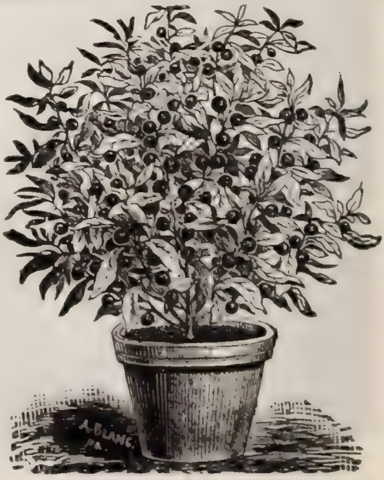
## SMILAX (Myrsiphyllum Asparagoides).

3981 In many respects the Smilax is the most useful, and it is certainly one of the most graceful climbers which adorns the greenhouse or conservatory; for bouquets and floral decorations it is indispensable. ¼ oz., 25 cts. . . . . . . . . . . . . . 10

## SOLANUM.

3991 **Capsicastrum.** (*Jerusalem Cherry*). This is a very useful pot plant for winter decoration. It is of dwarf, branching habit, leaves small and oval-shaped, bearing in the greatest profusion bright scarlet globular berries. Very ornamental; 1 foot. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 10

3992 — **Fra Diavalo.** A new variety of the above, of close, compact growth, with foliage somewhat smaller and lighter green. The small, bright, scarlet fruits remain on the plant a long time, and makes a beautiful decorative pot plant through the winter months. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 20

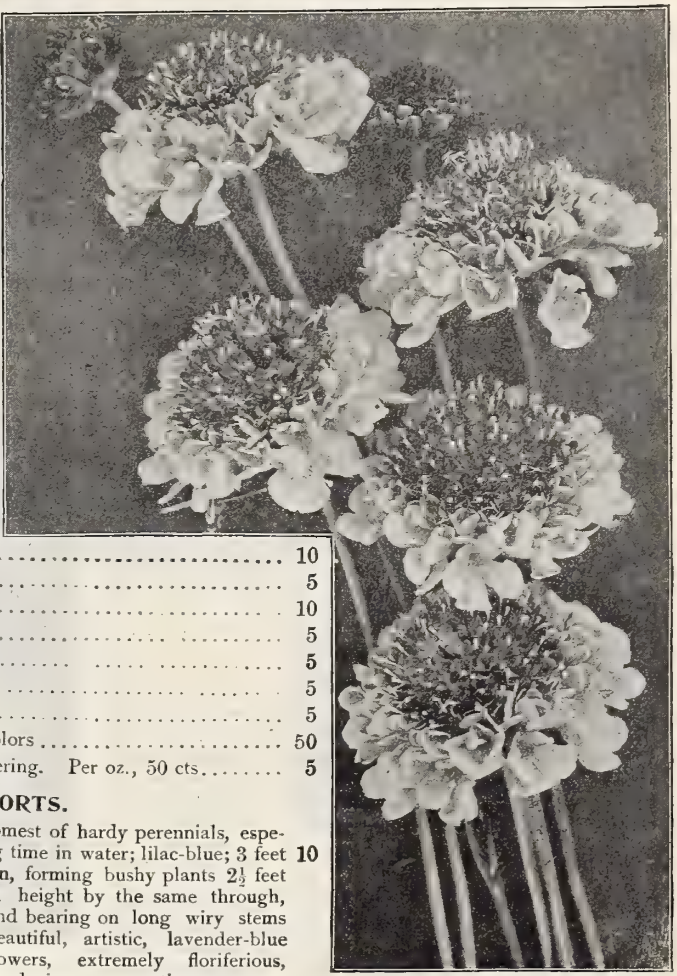


SOLANUM CAPSICASTRUM.

## SCABIOSA.

**(Mourning Bride, Sweet Scabious. Pincushion Flower, Egyptian Rose, etc.)**

Firm favorites with many of our customers. Seed can be sown any time in the spring after danger of frost is past. They grow about 2½ feet high, and come into bloom early in July, and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without Scabiosas, especially where flowers are wanted for cutting. We offer ten beautiful colors as under:



Improved Large-flowering Scabiosas.

### IMPROVED LARGE-FLOWERING.

| | | PEK PKT. |
|---|---|---|
| 3943 | **Azure Fairy.** Lavender-blue | 10 |
| 3944 | **Crimson** | 5 |
| 3951 | **Flesh Pink** | 5 |
| 3952 | **King of the Blacks.** Black-purple | 10 |
| 3953 | **Lilac** | 5 |
| 3954 | **Pompadour.** Deep violet and white | 10 |
| 3955 | **Purple Edged White** | 5 |
| 3956 | **Rose** | 5 |
| 3957 | **Tile-red** | 5 |
| 3958 | **White** | 5 |
| 3959 | **Collection** of a packet each of the above 10 colors | 50 |
| 3960 | **Mixed.** All colors of the Improved Large-flowering. Per oz., 50 cts. | 5 |

### HARDY PERENNIAL SORTS.

| | | |
|---|---|---|
| 3941 | **Caucasica** (*Blue Bonnet*). One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; lilac-blue; 3 feet | 10 |
| 3942 | **Japonica.** A hardy perennial variety from Japan, forming bushy plants 2½ feet in height by the same through, and bearing on long wiry stems beautiful, artistic, lavender-blue flowers, extremely floriferous, producing a continuous crop all summer. A fine cut flower | 15 |

Schizanthus Dwarf Large-flowered.

## SCHIZANTHUS.

**(Butterfly or Fringe Flower.)**

This is one of the airiest and daintiest flowers imaginable, especially adapted to bordering beds of taller flowers and those of a heavier growth. The seeds germinate quickly and come into bloom in a few weeks from sowing. The florescence is such as to completely obscure the foliage, making the plants a veritable pyramid of the most delicate and charming bloom. If a continuous show of bloom is desired, it will be well to make sowings of seed in a sheltered bed and transplant into the borders as required. The Schizanthus make admirable pot plants for the house, and are charming for window boxes in winter. For this purpose sow in the autumn.

| | | PER PKT. |
|---|---|---|
| 3967 | **Dwarf Large-flowered.** A new variety, forming compact pyramidal plants a foot high, literally covered with large, beautiful orchid-like flowers in a bewildering range of color. ¼ oz., 50 cts. | 15 |
| 3968 | **Wisetonensis.** A variety largely used as a pot plant for the house or conservatory. It is remarkably free-flowering, and presents a beautiful appearance with its myriads of blooms, the ground color of which is white, dotted with delicate rose. A very shy seeder | 25 |
| 3970 | **Mixed.** A splendid mixture of the regular type. ¼ oz., 25 cts. | 5 |

## SCHIZOPETALON (Maze Flower).

| | | |
|---|---|---|
| 3974 | **Walkeri.** Hardy annual, with white flowers, delightful spicy odor resembling that of almonds. Sow where it is to flower, as it will not bear transplanting; 1 foot | 10 |

**Asters are one of our leading specialties. The varieties offered on pages 59 to 61 are exceptionally fine.**

# DREER'S SELECT SWEET PEAS.

There are now in commerce, including the New Orchid-flowered type, over 300 varieties of Sweet Peas, with new sorts being added every year. Many of this vast number are either small-flowering, of weakly growth, or lacking in some characteristic which a first-class variety should have. Every year our list is carefully revised, with a view to keeping it strictly up-to-date; and while it seems hard to dispense with some of the once popular kinds, yet it must be done to keep up with the march of progress, and if you miss some old favorite in our list, it has been discarded in favor of a new and improved sort of the same color.

Every variety we offer is entitled to a place in the front rank of Sweet Peas; but as most amateurs only wish a limited number of sorts, we have made up collections comprising the very finest and most distinct Orchid-flowered and Standard sorts, which we offer with other Specialties on pages 58 to 68.

Orchid-flowered Sweet Peas.

## HOW TO GROW SWEET PEAS.

The soil for Sweet Peas should be rich and deep. A good rich loam, with plenty of well-rotted manure in it, is the ideal soil for raising good plants that will produce plenty of blooms of good substance. Soils that are at all heavy are best dug in the autumn, and during the winter months a good dressing of hardwood ashes or air-slaked lime should be given it. They should be in a position fully exposed to the sunlight and air on both sides of the row.

Much depends on the state of the weather as to when the seed may be sown out-of-doors; but they should be sown as early in the season as the ground can be worked, which is usually between the middle of March and the middle of April in the latitude of Philadelphia. It is best to make a trench or furrow about six inches deep, in the bottom of which sow the seed thickly. Cover the seed with about an inch of soil, pressing it down firmly. As soon as they are above ground, thin out to two to four inches apart; when planted too close they do not attain their full development. As soon as the plants are above the trench the balance of the soil may be filled in. They should be staked up either with branches of brush or stout stakes on which wire netting has been fastened. These should be at least four feet high, and five feet would be better. It is just as well to do the staking at the time of sowing, or it may be done before filling in the trench.

During dry weather they should be watered thoroughly and frequently and given an application of liquid manure once a week. A mulch of hay or rakings from the lawn will be found beneficial during hot weather. The flowers should be cut as often as possible, and all withered blooms should be removed, to prevent the plants from running to seed, which would stop them from continuing in bloom.

White-seeded varieties should not be sown until the ground is comparatively dry and warm. If sown under cold, wet conditions, the seed will rot in the ground. With few exceptions, Sweet Peas are black seeded, and these do not appear to be affected like the white-seeded sorts.

## DREER'S ORCHID-FLOWERED SWEET PEAS.

The introduction of this type has created new interest, and added to the popularity of Sweet Peas. They are quite distinct from the standard sorts, having large, round, open flowers of extraordinary size, usually measuring two inches across, with wavy standards and wide-spreading wings, a very large percentage bearing four of these immense blossoms to the stem, which is long and strong, making them of exceptional value for cutting. All of the sorts offered below have been thoroughly tested, and are just as easy to grow as the standard varieties.

4062 **Apple Blossom Spencer.** Rose and blush-pink, beautifully waved. 10 cts. per pkt.; 30 cts. per oz.; $1.00 per ¼ lb.

4071 **Black Knight Spencer.** Rich, deep maroon, very large. 10 cts. per pkt.; 50 cts. per oz ; $1.50 per ¼ lb.

4086 **Countess Spencer.** A lovely clear pink, shading deeper at the edges, the original of this type.

4107 **Florence Morse Spencer.** Delicate blush with pink margin, a charmingly beautiful flower of very large size.

4112 **Frank Dolby.** The largest and finest pale lavender-blue.

4117 **George Herbert.** Bright rose-carmine, very showy.

4125 **Helen Lewis** (*Orange Countess*). Brilliant crimson-orange, wings orange-rose.

4153 **King Edward Spencer.** Bright crimson-scarlet. Magnificent in size and color. 10 cts. per pkt.; 50 cts. per oz.; $1.50 per ¼ lb.

4181 **Mrs. Routzahn Spencer.** Soft chamois pink, a beautiful shade, and charming as a cut flower. 10 cts. per pkt.; 50 cts. per oz.; $1.50 per ¼ lb.

4182 **Mrs. Walter Wright Spencer.** A beautiful shade of deep mauve. 10 cts. per pkt.; 50 cts. per oz.; $1.50 per ¼ lb.

4198 **Primrose Spencer.** The largest and finest primrose-yellow.

4242 **White Spencer.** A pure wavy white of enormous size and splendid substance; long, strong stems.

**Price:** Any of the above, except where noted. 10 cts. per pkt.; 20 cts. per oz.; 50 cts. per ¼ lb.

4239 **Collection** of a packet each of the above 12 sorts 80 cts., or 1 ounce of each, $3.00.

4260 **Orchid-flowered Mixed.** A splendid mixture. 10 cts. per pkt.; 15 cts. per oz.; 40 cts. per ¼ lb.; $1.25 per lb.

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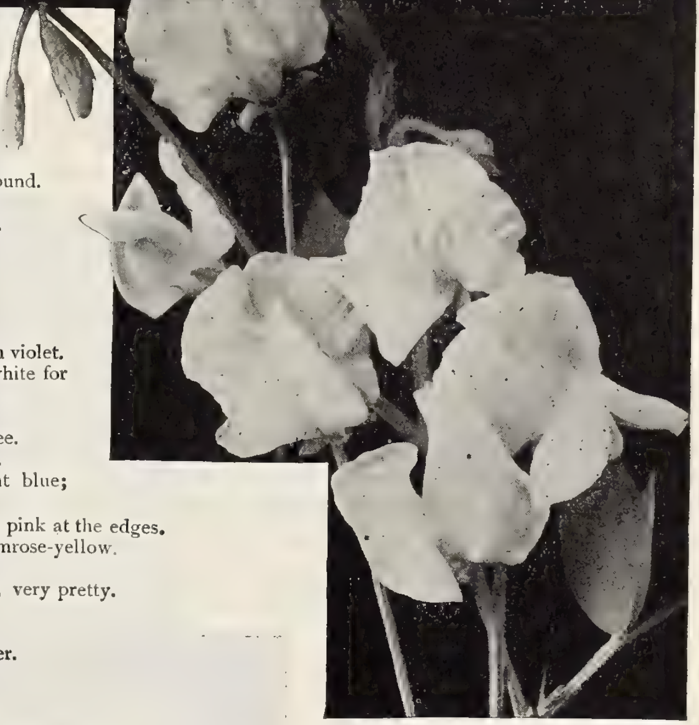
**We offer the finest of the Newer Orchid-flowered Sweet Peas. See Novelties and Specialties, pages 58 to 68.**

# DREER'S *Select Standard* SWEET PEAS



Sweet Peas, Dorothy Eckford.

The thirty-nine varieties offered below are the cream of the standard sorts. To those who want an extra select selection, we recommend our "Incomparable" Collection of 21 varieties, offered below, and with other Specialties on pages 58 to 68:

4061 **America.** Bright blood-red striped on a white ground.
4 63 **Aurora.** Orange rose, striped on a white ground
4070 **Black Knight.** Very deep maroon, shaded black.
4073 **Blanche Ferry.** The popular pink and white.
4084 **Coccinea.** Rich brilliant cerise.
4087 **Countess Cadogan.** Bright blue.
4090 **Dainty.** White, prettily edged with pink.
4091 **Dorothy Eckford.** Finest standard white.
4094 **Duke of Westminster.** Rich purple, tinted with violet.
4098 **Earliest of All** (*Christmas Pink*). Pink and white for forcing.
4102 **Emily Eckford.** Bright shade of heliotrope.
4103 **Emily Henderson.** Purest white; strong and free.
4111 **Flora Norton.** The most pronounced bright blue.
4126 **Helen Pierce.** White veined and mottled bright blue; unique.
4132 **Hon. F. Bouverie.** Deep pink, shading to light pink at the edges.
4133 **Hon. Mrs. E. Kenyon.** The finest standard primrose-yellow.
4138 **Janet Scott.** A grand deep rich pink.
4141 **Jeannie Gordon.** Rosy pink on a cream ground; very pretty.
4151 **Katherine Tracy.** An attractive soft pink.
4152 **King Edward VII.** The best crimson-scarlet.
4159 **Lady Grisel Hamilton.** The finest pale lavender.
4167 **Lord Nelson.** The richest deep navy blue.
4163 **Lottie Eckford.** White edged lavender.
4165 **Lovely.** Soft shell-pink; an exquisite shade.
4171 **Midnight.** Indigo and maroon, almost black; the darkest of all.
4173 **Miss Willmott.** Brilliant orange-pink.
4174 **Mont Blanc** (*Christmas White*). Splendid early pure white, of exceptional value for forcing.
4177 **Mrs. Geo. Higginson, Jr.** Clear, rich lavender-blue.
4179 **Mrs. Walter Wright.** Deep mauve.
4192 **Othello.** Very dark maroon, of large size.
4201 **Prima Donna.** A magnificent pure pink.
4203 **Prince of Wales.** The finest bright rose.
4212 **Queen Alexandra.** Brilliant geranium-red, the nearest approach to a pure scarlet.
4213 **Queen of Spain.** Charming shade of chamois-pink.
4223 **Royal Rose.** Deep rosy-pink, wings lighter.
4231 **Salopian.** Deep scarlet or cardinal; fine.
4234 **St. George.** The most brilliant color in Sweet Peas; a bright orange-scarlet.
4235 **Stella Morse.** Primrose, tinged blush, effect a rich cream color.
4236 **Sybil Eckford.** Pale pink on a buff ground.

**Price.** Any of the above, 5 cts. per pkt.; 10 cts. per oz.; 25 cts. per ¼ lb.; 75 cts. per lb.

4249 **"Incomparable" Collection** of a packet each of the 21 best standard sorts 75 cts.
4248 **Complete Collection.** A packet each of the entire 39 varieties offered above $1.50, or 1 ounce each of the same for $3.00.

## MIXTURES OF SWEET PEAS.

All of the mixtures offered below have been made up by ourselves out of the finest named varieties, insuring a satisfactory result in color, and must not be confounded with cheap grades, which are harvested in mixture and always contain a large proportion of dull and undesirable colors.

4252 **Dreer's Peerless Mixture.** Extraordinary care has been taken in making this mixture, nothing but the finest large-flowering standard varieties being used, and in such quantities as to produce best color effect. The finest mixture of Standard Sweet Peas offered. Pkt. 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

4260 **Orchid-flowered Mixed.** Read what we say about this type on page 120. They represent the highest achievement in Sweet Peas to date. 10 cts. per pkt.; 15 cts. per oz.; 40 cts. per ¼ lb.; $1.25 per lb.

4270 **Cupid, Dwarf or Bedding Mixed.** Sown as a border these form a line of emerald-green foliage a little over a foot wide and from 5 to 6 inches high, and from June until late summer are literally a sheet of bloom; excellent for pot culture; the mixture contains all the colors. 5 cts. per pkt.; 10 cts. per oz.; 25 cts. per ¼ lb.; 75 cts. per lb.

## MIXTURES OF SEPARATE SHADES.

It is undeniable that a bunch of Sweet Peas of pink or white or other colors which harmonize together is much more effective than a similar bunch where all the colors are mixed together. For such as prefer to grow the various colors separate we have prepared the following mixtures out of the finest named sorts:

4254 **Pink Shades.** Light to deep pink.
4255 **Red Shades.** Bright rose to dark scarlet.
4256 **Lavender and Blue Shades.** Lavender to heliotrope.
4257 **Purple and Maroon Shades.** All the dark colors.
4258 **White and Primrose Shades.** All the delicate tints.
4259 **Striped Sorts.** Various striped combinations.

**Price,** any of the above, 10 cts. per oz.; 25 cts. per ¼ lb.; 75 cts. per lb.

4269 **Collection** of one ounce each of the six shades, 40 cts.

**For New Sorts and Collections of Orchid-flowered and Incomparable Standard Sweet Peas see Specialties, pages 58 to 68.**

## STOCKS (Gilliflower).

The Stock is one of the most popular annuals, either for bedding or pot culture; for brilliancy and diversity of color, fragrance, profusion and duration of bloom it is unsurpassed. Our supply is grown for us by a specialist, and will produce 90 per cent. of double-flowering plants.

### CUT=AND=COME=AGAIN 10=WEEK.

Splendid perpetual-blooming class; sown in March or April they begin flowering in July, continuing until frost, and are especially valuable during September and October when other flowers are scarce; they throw out numerous side branches all bearing very double, fragrant flowers.

| | | PER PKT. | | | PER PKT. |
|---|---|---|---|---|---|
| 4031 | **Princess Alice.** White | 15 | 4034 | **Sapphire.** Dark blue | 15 |
| 4032 | **La France.** Rose | 15 | 4035 | **Creole.** Creamy yellow | 15 |
| 4033 | **Brilliant.** Blood-red | 15 | 4036 | **May Queen.** Delicate lilac | 15 |

4040 **Finest Mixed.** All colors. ⅛ oz., 75 cts. .... 10
4039 **Collection** of a packet each of the 6 colors .... 60

### LARGE=FLOWERING 10=WEEK STOCK.

This is the leading class for bedding out or summer blooming.

| | | | | | |
|---|---|---|---|---|---|
| 4011 | **Blood-red** | 10 | 4015 | **Purple** | 10 |
| 4013 | **Light Blue** | 10 | 4016 | **Pure White** | 10 |
| 4014 | **Bright Pink** | 10 | 4017 | **Canary Yellow** | 10 |

4020 **Mixed.** Double large-flowering. ⅛ oz., 50 cts. .... 5
4018 **Collection.** A packet each of above 6 colors .... 40
4019 **Imported Collection.** Large-flowering, 12 colors .... 75

## VARIOUS STOCKS.

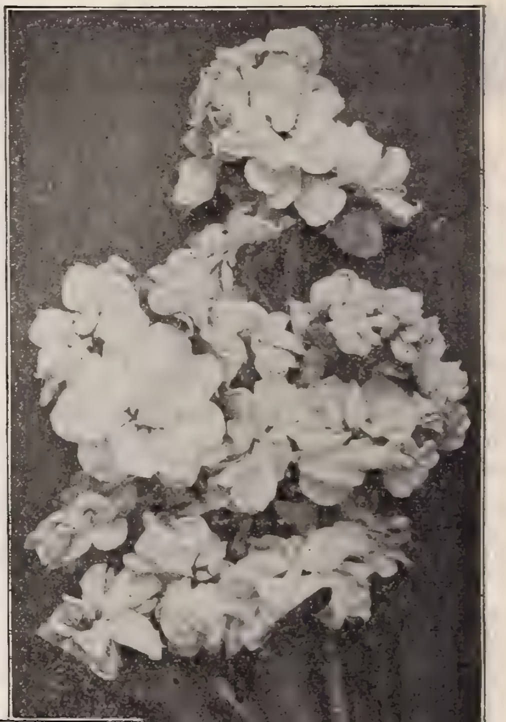
4027 **Snowflake.** A dwarf 10-week variety with large double snow-white flowers; fine for pot culture .... 15

4044 **Empress Elizabeth.** This splendid winter Stock grows about 18 inches high, and throws up a very strong main stem, branching out in candelabra form. Both main and side stems are covered with large double rose-shaped flowers of carmine-rose .... 15

4043 **Beauty of Nice.** Another splendid winter-flowering variety, with spikes of very large flowers, of a delicate flesh-pink .... 15

4041 **Queen Alexandra.** Similar to the above, except in color, which is rosy-lilac, a shade that shows beautifully under artificial light .... 15

4042 **Brompton.** Half-hardy biennial, bushy plants, producing a beautiful display of double flowers; mixed colors; 2 feet .... 10



STOCKS CUT-AND-COME-AGAIN.

STOKESIA (CORNFLOWER ASTER).

SWEET ROCKET.

## STATICE (Sea Lavender).

PER PKT.

4000 Splendid hardy perennials, either for the border or rockery, producing all summer panicles of minute flowers, which can be dried and used for winter bouquets. Mixed varieties .... 10

## STEVIA.

4001 **Serrata.** Free-blooming plants, bearing a multitude of fragrant pure white flowers; suitable for summer or winter blooming; largely used for cutting .... 10

## STOKESIA (Cornflower Aster).

4051 **Cyanea.** This is not new, but is a rare and beautiful hardy perennial, and was shown in colors on the cover of our 1903 catalogue. The plant grows about 24 inches high, each bearing from 20 to 30 handsome lavender-blue cornflower-like blossoms; in bloom from July till frost. One of the choicest subjects for the hardy border and indispensable for cutting. (See cut.) ¼ oz., 30 cts 10

4052 **Cyanea alba.** A pure white-flowering form, identical to the popular blue variety in every way except color .... 25

## SWEET ROCKET (Hesperis).

4278 Old-fashioned garden plant, and among the most desirable of hardy flowers; also known as Dame's Rocket and Dame's Violet; grows from 2 to 3 feet high, and bears spikes of showy white, lilac and purple fragrant flowers. Excellent for naturalizing among shrubbery or for planting in a permanent border; mixed colors. (See cut.) Oz., 25 cts. .... 5

## SWEET WILLIAM (Dianthus Barbatus).

**(London Tufts.)**

A well-known, attractive, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers. It is much better to raise new, vigorous, young plants from seed every season than to divide the old plants.

| | | PER PKT. | | | PER PKT. |
|---|---|---|---|---|---|
| 4288 | **Single White** | 5 | 4286 | **Single Velvety Maroon** | 5 |
| 4283 | **— Crimson** | 5 | 4284 | **— Red,** on white ground | 5 |
| 4285 | **— Scarlet** | 5 | 4287 | **— Violet,** on white ground. | 5 |

4289 **Collection** of a packet each of the above 6 colors .... 25

4292 **Single Mixed.** All colors. Per oz., 40 cts. .... 5

4282 **Newport Pink.** A distinct new color which originated in one of the far-famed gardens at Newport, R. I. In color it is what florists call watermelon-pink or salmony-rose. Strikingly brilliant and beautiful; the flowers are borne in massive heads on stems 18 inches high. For mid-season mass bedding it has no equal. It is also very effective for cutting. 5 pkts., $1.00 .... 25

4291 **Holborn Glory.** This strain is a large-flowered selection of the auricula-eyed section, the most beautiful and admired of all Sweet Williams. The individual flowers and trusses are of extraordinary size, while the range of color, all showing a clear, white eye, is truly superb. ¼ oz., 25 cts. .... 10

4297 **Double Mixed.** All colors. ¼ oz., 30 cts. 10

4296 **Giant Double.** A decided improvement. The plants are of robust, bushy habit, producing numerous stems surmounted by immense umbels of full, double flowers, many of the individual flowers measuring over one inch in diameter. The colors are extremely varied. ¼ oz., 50 cts. .... 15

Double and Single Sweet William.

## TAGETES.

PER PKT.

4301 **Signata Pumila.** A dwarf, compact, bushy annual Marigold, with beautiful, delicate, fern-like leaves, densely covered with flowers of bright yellow, striped brown, a first-class border plant. (See cut.) ¼ oz., 25 cts. .... 5

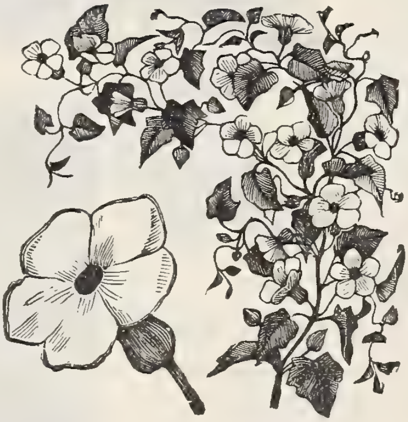
## TORENIA.

4322 **Fournieri.** A very fine annual; a splendid plant for vases, hanging-baskets, borders, etc.; covered the entire season with a mass of bloom. Sky-blue, with three spots of dark blue, bright yellow centre .... 10

## THUNBERGIA.

**(Black-eyed Susan.)**

4310 Beautiful, rapid-growing annual climbers, preferring a warm, sunny situation; used extensively in hanging-baskets, vases, low fences, etc.; very pretty flowers in buff, white, orange, etc., with dark eyes; mixed colors; 4 feet. (See cut.) ¼ oz., 25 cts. .... 5



Thunbergia.

## TRITOMA.

**(Red-hot Poker, Flame Flower, or Torch Lily.)**

4330 **Hybrida.** The introduction of new, early and continuous flowering Tritomas has given them a prominent place among hardy bedding plants. It is not generally known that they are readily grown from seed, many flowering the first year if sown early. The seed we offer has been saved from our own collection, which is undoubtedly the finest in this country. Of course, for immediate results it will be better to get plants, but raising them from seed is highly interesting .... 25

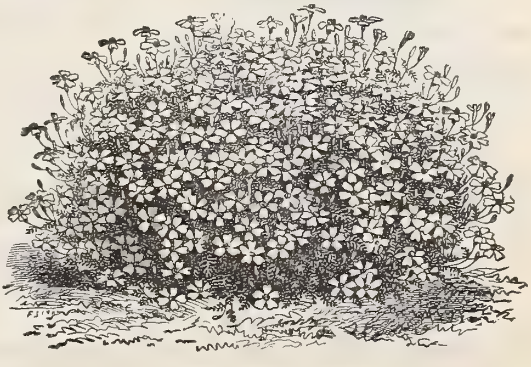
## EVER-BLOOMING HYBRID SWEET WILLIAM.

**(Dianthus latifolius atrococcineus fl. pl.)**

This is offered with other hardy Dianthus on page 91.

## TUNICA.

4335 **Saxifraga.** A neat, tufted hardy perennial plant, growing but a few inches high and bearing throughout the entire season numerous elegant pink flowers. Will thrive anywhere, but is especially adapted for the rockery or the margin of the hardy border; blooms the first season .... 10



Tagetes Signata Pumila.

**Do not fail to include in your order the Annual Larkspurs shown in colors and offered on page 58.**

VINCAS.

## DREER'S MAMMOTH VERBENAS.

We have been carefully selecting and improving this fine strain of Verbenas for years, and can recommend it as the very best procurable. The trusses and individual flowers are of the largest size, of brilliant colors, free-blooming and of vigorous habit. For best and quickest results seed should be sown early in the house or hot-bed, and transplanted to flowering quarters in May. If sown outdoors in May, it blooms from the end of July on. Verbenas are better grown from seed than from cuttings, being more vigorous and not liable to disease. (See cut.)

PER PKT.

4351 **Pink** .... 10
4352 **Purple** .... 10
4353 **Scarlet** .... 10
4354 **Striped** .... 10
4355 **White** .... 10
4356 **Blue** .... 10
4360 **Dreer's Mammoth Mixed.** ¼ oz., 40 cts .... 10
4359 **Collection** of Mammoth Verbenas, 6 colors .... 50
4361 **Hybrida, Fine Mixed.** All colors of the older sorts. ¼ oz., 25 cts .... 5

## VARIOUS VERBENAS.

4366 **Lemon Verbena** (*Aloysia Citriodora*). Every garden should have a few plants of this fragrant favorite. Its pale green delightfully scented foliage goes well with any flower .... 10

4365 **Erinoides** (*Moss Verbena*). This lovely variety produces a mass of moss-like foliage, spreading over the ground like a carpet, above which are borne heads of purplish-blue blossoms in lavish profusion; comes into flower in June and continues until frost. For beds, baskets or rockeries it is highly desirable .... 10

4364 — **Alba.** The pure white form and a great favorite in many of the finest gardens .... 10

4367 **Venosa** (*Hardy Garden Verbena*). This variety is largely used for bedding purposes. It is a strong, thrifty grower, about one foot high, and covered from early summer until late fall with its bright purplish-heliotrope flowers. ¼ oz., 20 cts .... 5

## VALERIANA (Valerian).

4338 **Officinalis** (*Garden Heliotrope*). A fine old-fashioned hardy plant with heads of old-rose flowers with a strong heliotrope odor .... 15

4340 **Rubra Mixed.** Showy, hardy border plants, producing large corymbs of red or white flowers; fine for bouquets; mixed; 2 feet. ¼ oz., 15 cts .... 5

## VERONICA (Speedwell).

4375 **Spicata.** An elegant hardy perennial border plant, growing about 18 inches high, bearing all summer long spikes of bright blue flowers, which lengthen with age .... 10

## VINCA (Madagascar Periwinkle, or Old Maid).

Ornamental free-blooming plants and one of the most satisfactory flowering bedding plants we have. It is best to start the seed early indoors or in a hot-bed, but they begin blooming in August from seed sown out of doors in May, or as soon as the ground is warm, continuing until frost; or they may be potted and kept in bloom through the winter; a fine cut flower, every bud opening when placed in water; 2 feet. (See cut.)

PER PKT.

4381 **Rosea.** Rose, dark eye .... 10
4382 — **Alba.** White, crimson eye .... 10
4383 — **Alba Pura.** Pure white .... 10
4390 — **Mixed.** ¼ oz., 25 cts .... 5

## Violas, or Tufted Pansies.

While the flowers of the Tufted Pansies are not so large as the regular type, yet they bloom so freely that they are superior to Pansies where *effect* is wanted, the colors being particularly clear and distinct; they also bloom for a longer time. Seed sown in April produce flowering plants by June, and from then on until frost they are a sheet of bloom.

4406 **Admirabilis.** New hybrids, which contain all the varied and brilliant colorings of the best grade of blotched Pansies .... 15

4401 **Papilio** (*Butterfly Violet*). Lovely violet-lilac, with small dark eye .... 10

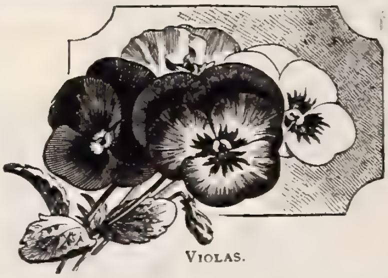
4402 **Lutea splendens.** Rich golden yellow .... 10

4403 **Blue Perfection.** Deep purplish blue .... 10

4405 **White Perfection.** A fine pure white .... 10

4410 **Mixed.** A splendid mixture of the best varieties. ¼ oz., 50 cts .... 10

4400 **Odorata** (*Single Sweet Violet*). Blue and white mixed; seed takes 3 to 6 months to germinate .... 10



VIOLAS.

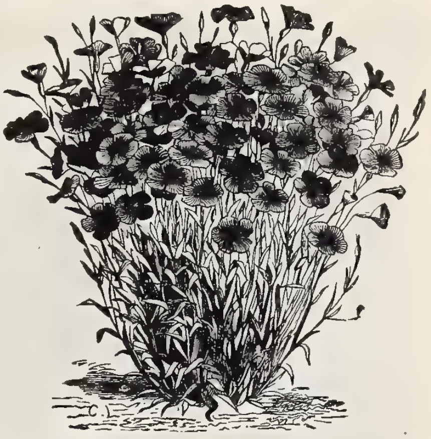
DREER'S MAMMOTH VERBENAS.

## VISCARIA.

Very free-blooming annuals, closely allied to the Lychnis; they form compact plants about a foot high, and are covered from early summer till fall with their bright flowers, shaped somewhat like a single Pink, borne on long, slender stems; it is best to sow them where they are to bloom, thinning out to prevent overcrowding.

PER PKT.

4412 **Cardinalis.** Brilliant cardinal crimson; very bright and effective.... 10
4413 **Mixed.** Containing about six different colors, some with dark eyes... 5


VISCARIA.

## WALLFLOWER.

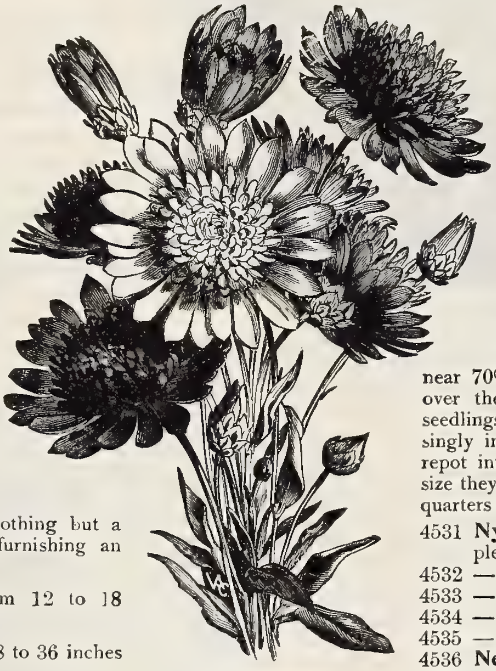
Well-known deliciously fragrant half-hardy perennials, blooming early in the spring, with spikes of beautiful flowers. They should be protected in a cold frame in the winter and planted out in April.

4415 **Paris Extra Early.** A beautiful single variety, which may be treated as an annual, flowering through the summer from seed sown in spring ¼ oz., 20 cts. .... 10
4414 **Goliath.** A splendid single variety for forcing; flowers of a rich, shining red, with a black velvety sheen .... 10
4420 **Single Mixed.** All colors. ¼ oz., 15 cts.... 5
4430 **Double Finest Mixed.** 10
4429 **Imported Collection** of Double Wallflower, 6 varieties.... 50
4419 **Imported Collection** of Single Wallflower, 6 varieties.... 40

## WILD GARDEN FLOWER SEED

Under this heading we offer a mixture of the easiest and surest growing kinds that can be sown broadcast, and with little or no care will produce a bright effect in places that would otherwise be nothing but a collection of unsightly weeds, and furnishing an abundance of flowers for cutting.

4550 **Dwarf Sorts.** Growing from 12 to 18 inches high. 25 cts. per oz.
4560 **Tall Sorts.** Growing from 18 to 36 inches high. 25 cts. per oz.


XERANTHEMUMS.

## Water Lily Seeds.

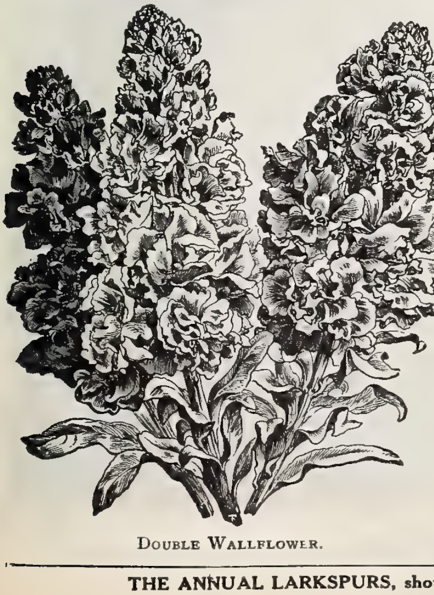
Hardy Nymphæas may be sown either in fall or spring in the shallow places on the margin of natural ponds, where, if conditions are favorable, they will germinate and soon become established.

Nelumbiums should have a small hole cut through the shell of each seed with a sharp knife.

Tender Nymphæas may be sown in spring in pots or pans, using any good potting soil, cover the seeds with one-fourth inch of sand, give a thorough watering, and allow to drain for an hour, then submerge in water as near 70° as possible. Two inches of water over the soil is sufficient. As soon as the seedlings have made two leaves, put them singly into small pots, and when well-rooted repot into four or five-inch pots, from which size they may be planted into their flowering quarters during May and June.

PER PKT.

4531 **Nymphæa Zanzibariensis.** Purple.... 25
4532 — — **Azurea.** Blue.... 15
4533 — — **Rosea.** Rose.... 15
4534 — **Tender Varieties Mixed**.... 15
4535 — **Hardy Varieties Mixed**.... 15
4536 **Nelumbium Speciosum**.... 15
4537 — **Mixed Sorts**.... 15

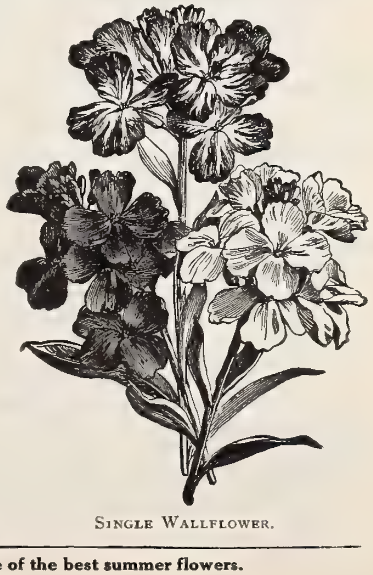

DOUBLE WALLFLOWER.

## XERANTHEMUM.

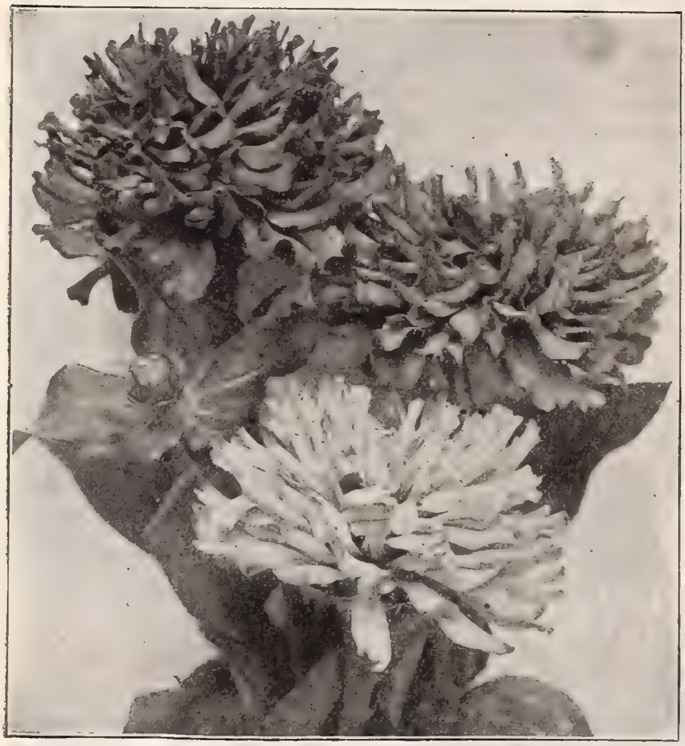
(Everlasting or Immortelle)

PER PKT.

4433 **Annum.** One of the prettiest and most satisfactory of the Everlastings, bearing an abundance of bright rose, purple and white flowers, which are not only showy in the garden, but very useful as dried flowers in winter bouquets. Grows about 3 feet high, and can be sown in the open ground early in May, growing readily in any open, sunny position, remaining in bloom from early summer till frost. Mixed colors. (See cut.) .... 10


SINGLE WALLFLOWER.

**THE ANNUAL LARKSPURS, shown in colors and offered on page 58, are one of the best summer flowers.**



Curled and Crested Zinnias.

**4440 Curled and Crested.** This curious but beautiful strain is nicely shown in the illustration above, the petals being twisted, curled and crested into the most fantastic and graceful forms. The colors comprise all the brilliant shades characteristic of the Zinnia. ¼ oz., 25 cts.................... PER PKT. 10

**Double fringed.** A new type, which has much to recommend it. The petals of the perfectly formed double flowers are more or less deeply cut or fringed, giving them a rather more graceful appearance than the usual form. The plants are of compact habit, about 30 inches high, and have all the free-flowering merits of the family. We offer three distinct colors, viz.:

4465 **Fringed White** 10
4463 **— Deep Carmine** 10
4464 **— Bright Rose** 10
} A packet each of the three colors, 25 cts.

4470 **— Mixed.** All colors. ¼ oz., 25 cts............. 10

4471 **Haageana Fl. Pl.** (*Mexican Zinnia*). A splendid miniature-flowering double variety, growing 12 to 15 inches high; flowers perfectly double, of bright golden orange; as a border or line this deserves wide cultivation. ¼ oz., 25 cts............................. 10

4480 **Mammoth** (*Robusta Plenissima*). Flowers of mammoth size, perfectly formed, very double and of striking colors; a fine strain; 2½ feet. ¼ oz., 25 cts.. 10

4472 **— Queen Victoria.** A pure white variety of the mammoth type. The flowers are perfectly double, of fine form, and measure about 4 inches across. This excellent variety comes true from seed.............. 15

4485 **Red Riding-Hood.** This little gem grows but a foot high; of compact form and covered the entire season with little button-like, intense scarlet very double flowers not over an inch across; as a border it is highly effective. ¼ oz, 25 cts......................... 10

4490 **Single Mixed.** For bedding these are very effective, and are by many considered more artistic than the double-flowering sorts. ¼ oz., 20 cts.............. 5

4500 **Tall Double.** The old-fashioned tall-growing variety; 3 feet; mixed colors. Per oz., 30 cts............. 5

4510 **Zebra.** A very pretty strain with striped flowers. As the colors vary on each plant, they present a curious as well as a beautiful appearance. ¼ oz., 25 cts...... 10

## ZINNIAS (Youth and Old Age).

The Zinnia is one of the most brilliant and showy of annuals, and has long been a general favorite. The seed can be sown early in the hotbed or light window and transplanted, or sown later in the open ground. They come into flower early in the summer and keep on blooming until hard frost.

### DREER'S IMPROVED LARGE-FLOWERING DWARF.

This we consider the best type for general use, forming bushy, compact plants not over 2 feet high, and bearing perfect double flowers as large as the taller-growing sorts.

| | | PER ¼ OZ. | PER PKT. |
|---|---|---|---|
| 4442 | **Flesh-pink.** Delicate shade | 20 | 5 |
| 4445 | **Dark Scarlet.** Very rich | 20 | 5 |
| 4441 | **Canary.** Clear yellow | 20 | 5 |
| 4443 | **Jacqueminot.** Rich crimson | 30 | 10 |
| 4444 | **Orange.** Striking | 20 | 5 |
| 4447 | **Scarlet.** Bright and fiery | 20 | 5 |
| 4457 | **White** | 20 | 5 |
| 4446 | **Salmon Rose.** Beautiful shade | 20 | 5 |
| 4448 | **Scarlet and Gold** | 30 | 10 |
| 4459 | **Collection** of a packet of each of the above 9 sorts, 40 cts. | | |
| 4460 | **Finest Mixed.** All colors. Per oz., 50 cts. | | 5 |

Improved Large-flowering Dwarf Zinnias.

# PLANT DEPARTMENT.

☞ *All orders, unless instructions are received to the contrary, are executed and forwarded upon receipt. Customers placing orders for stock to be reserved and sent later must distinctly specify this at time of ordering.*

**PLANTS BY MAIL.**—Small plants will be sent free by mail when so desired. The greater part or all of the soil is removed from the roots, which are carefully packed in damp moss. We cannot forward bulky plants, such as Azaleas, Camellias, large Roses, Shrubs and similar stock by mail.

**PLANTS BY EXPRESS.**—We do not deliver plants free by express, the purchaser paying the charges, which are, by the principal express companies, 20 per cent. less than regular merchandise rates. We strongly urge this method of transportation, as it enables us not only to give better values in the form of larger and finer plants, but we also always add liberal "extras" to help defray charges, **and unless instructed to the contrary, all orders are forwarded by express.**

**PLANTS BY RAIL.**—Shrubs, Hedge Plants and other dormant stock can be forwarded safely by fast freight lines, even to very distant points, at low rates.

**STEAMBOAT LINES.**—Fast lines of boats connect Philadelphia with Baltimore, Boston, Fall River, Providence, Norfolk, Richmond, Savannah, Troy and Albany. This forms a convenient, cheap and safe method of transportation, except during severe cold weather.

**PACKING FREE.**—We make absolutely no charge for boxes or packing, or delivery to any express, freight or steamship line in Philadelphia.

**SAFE ARRIVAL GUARANTEED.**—We guarantee the safe arrival of all plants to any part in the U. S. or Canada when sent by express. **If forwarded in any other manner they are entirely at the risk of the purchaser.**

**FOREIGN SHIPMENTS.**—We are constantly making shipments of Seeds, Plants, Bulbs, etc., to Europe, Cuba, the U. S. possessions in the East, etc., and by our system of packing it is unusual for the goods to reach their destination in anything but the best condition.

## Miscellaneous Hints and Suggestions for the Amateur Florist.

**Written expressly for this book by Eben. E. Rexford.**

**Soil for Pot Plants.**—Ninety-nine out of every hundred plants that can be grown in the house will do well in any good soil that is not too heavy to allow water to run through it readily. A soil prepared after the following formula will answer the needs of the flower-grower excellently: One part ordinary loam; one part leafmold or turfy matter. Mix these together and add enough sharp sand to make the whole so friable that it will fall apart readily after squeezing it in the hand.

(The "turfy matter" advised as a substitute for leafmold is obtained by turning over sod and scraping away that portion of it which is full of grass-roots. This gives you a light, spongy soil, rich in vegetable matter, and almost as valuable as genuine leafmold from the woods.)

A sprinkling of bonemeal can be added to give richness, if thought advisable. But I think it best to wait until a plant has made some growth before using much fertilizer. At no time should enough be used to produce a rapid growth, for rapidity, as a general thing, means weakness. A sturdy, healthy development is what should be aimed at, and the wise gardener will be content with it.

**Drainage.**—Every pot more than three inches across ought to have something in the way of drainage before filling it with soil. If there is no outlet for water, the soil is soon soured by it. This results in diseased roots, and anything that interferes with healthy root-action will eventually destroy the plant unless the difficulty is promptly remedied.

**Watering.**—In the article on Palms (see page 168) something has been said about watering. I can only say here that the advice already given about watering when the surface of the soil looks dry, and then watering thoroughly, and waiting until the dry look comes again, is the nearest approach to a rule that can be offered.

Plants in small pots dry out rapidly, and will require watering much oftener than those in large pots. In winter much less water is needed than in summer. Plants not making active growth will need but little water. Plants exposed to the sun will require a good deal more water than those in shade. Hanging plants almost always suffer from lack of water because the soil in them parts rapidly with moisture on account of exposure on all sides to a temperature considerably higher than that at the window-sill.

**Repotting.**—I am not an advocate of frequent repotting. I prefer to supply my plants with food in the shape of fertilizers rather than forcing them to depend upon the soil itself for nourishment. My experience with root-bound plants which have been kept growing healthily by the application of fertilizers convinces me that a great deal of hard work can be saved by paying less attention to repotting than we have been in the habit of doing.

Young plants will require shifting to pots of larger size as their root system develops. To not repot such a plant would be to check its growth at a time when the development of a vigorous root-system is a matter of great importance.

In repotting any plant, large or small, disturb the roots as little as possible. Slip it out of its old pot, put it into the new one and fill in about it with fresh soil. Water well after you have the plant in its new pot to settle the soil you have added.

**Fertilizers.**—There are many good kinds on the market. I cannot mention any particular kind here, with the exception of bonemeal, which has already been spoken of. This I consider a thoroughly reliable plant food.

But let me say right here, use whatever fertilizer you make choice of with great caution. Be governed by the instructions which accompany it. Don't think that because a little is good a great deal must be better. It is an easy matter to kill your plants by being too kind to them.

Never use any fertilizer on a plant that is standing still. Wait until it begins to grow, and then weak applications, increasing the amount as the plant develops. So long as plants grow well, be content to let well enough alone.

**Insects.**—The insect most frequently met with among house-plants is the aphis or green plant-louse. The preparation on the market under the name of Nikoteen is the best weapon I know of to fight this enemy. Prepare and use it as directed on the bottle in which it comes. Keep a supply of it on hand, and make use of it whenever you discover an aphis. Do this promptly, and it is an easy matter to prevent the insects from spreading all over your plants, but wait a few days and you will find that the pest has increased a thousandfold. "A stitch in time saves nine."

For scale and mealy-bug I advise the emulsion spoken of in the article on Palm-culture (see page 168).

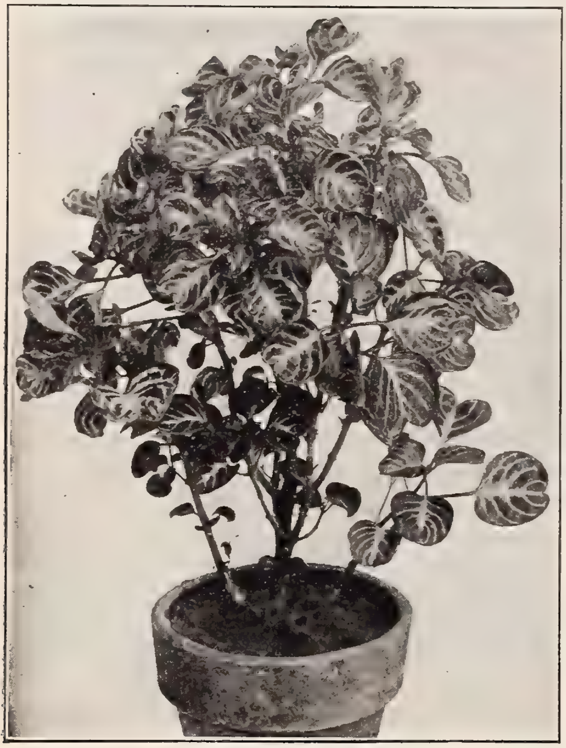
If the leaves of your plants turn yellow and drop without any apparent reason for it, you are safe in suspecting that the red spider is the cause of the trouble. Turn up a leaf and examine it carefully. If you find tiny webs on it you may be sure your suspicions were well founded.

Nothing troubles the red spider but moisture. Showering—not sprinkling—with clear water will rout him if persisted in. Lay the infested plant down on its side and turn on the hose. Do this several times a week until the plant shows no more yellow leaves and not a web is to be seen. Keep water constantly evaporating on stove and register in winter. Do any and everything that will help to keep the atmosphere of the room moist, but depend upon showering as a general treatment.

**Airing Your Plants.**—Give the plants in your window fresh air on every pleasant day. Open a door or window at some distance from them, and let the cold air from out of doors mix with the warm air of the room before it reaches them. This is very necessary, especially in winter, when our rooms are sure to be overheated, and the air in them is depleted of its life-giving qualities.

# NEW AND RARE
# GARDEN and GREENHOUSE PLANTS

The latest introductions in Cannas, Chrysanthemums, Dahlias, Geraniums, Gladiolus, etc., etc., will be found offered under their respective heads in the General List.



Achyranthes Panache de Bailey.

## ACANTHUS MONTANUS.

An attractive and interesting plant, not only on account of its peculiar flowers, but also for its remarkable foliage, which makes it a most desirable subject for the warm conservatory or greenhouse. The 12 to 15-inch long leaves are deeply and irregularly lobed, each lobe terminated with a long, spine-like point, and are of a dark olive-green, marbled with lively yellowish-green, the midrib being brighter. The inflorescence is stately, consisting of a long spike of rosy-white flowers with purple veined bracts. 50 cts. each.

## Achyranthes Panache de Bailey.

A beautiful new variegated form which, besides being a valuable addition to our list of bedding plants, is sure to prove very useful as a pot plant for the window garden, and particularly so for planting in porch and window boxes, where its rich colors will be of decided value. The plant is of erect, bushy, symmetrical habit of growth, with nearly round foliage, about 1½ inches across, of bright, cheerful green, densely reticulated and variegated with rich creamy-yellow, while the leaf stalks, as well as the stems of the plant itself, are bright crimson-carmine, forming a color combination rivalling that of many of the high-colored Crotons. (See cut). 25 cts. each; $2.50 per doz.

## New and Rare Gladiolus.

We offer an especially fine lot of these this season, including some French introductions that have never been offered in this country. See page 161.

## ALPINIA SANDERÆ.

A handsome new species from New Guinea of this useful class of stove plants, with erect stems and short-stalked, glabrous leaves, 4 to 5 inches long by ¾ to 1¼ inches wide, tapering at both ends; of a rich, shining green, regularly striped at close intervals with broad white bands diverging from the midrib to the margin. $1.00 each.

## ASPARAGUS DUCHESNEI.

An introduction from the Belgian Congo, and entirely distinct from all other varieties. The plant is of strong, climbing habit, with rather large, dark green, glossy foliage. It should prove a valuable addition, both for cutting and decorative purposes. $1.00 each.

## Asparagus Sprengeri Variegata.

A very pretty sport of the green-leaved Asparagus Sprengeri, in which every leaf is edged with white. $1.00 each.

## NEW REX BEGONIAS.

Four beautiful new varieties, entirely distinct from anything heretofore offered.

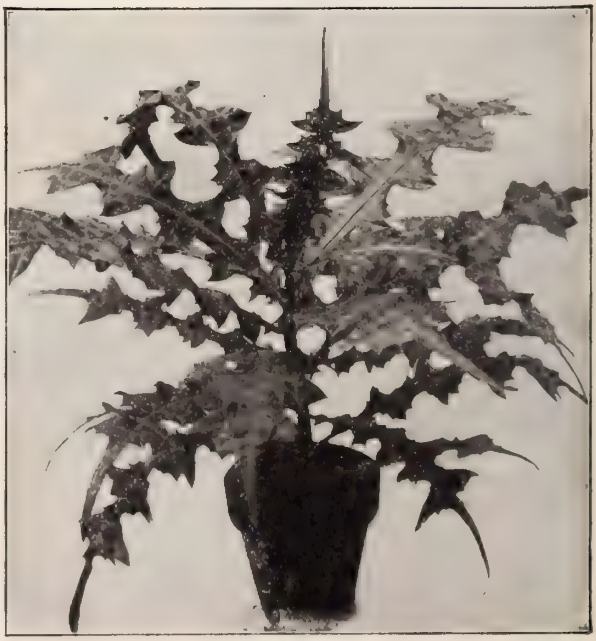
**Fearnley Sander.** A revelation in its unique markings, the centre of the leaf as well as the edge being a deep olive-green with a zone of silvery-grey, the whole relieved by a suffusion of indescribable rosy-crimson extending throughout the leaf.

**His Majesty.** Ground color silvery-grey with dark green veins, which are bordered with rosy-purple; edge of the leaf bordered green.

**Kaetchen Schadendorf.** Foliage not large but of great beauty, the ground color being silvery-white, suffused and illuminated with bright rosy-crimson sheen, with a large blackish-green centre and border of same color.

**Mrs. S. H. Moon.** Centre of leaf and a broad margin of black-green, suffused with purple, with a large, distinct zone of old silver, which is delicately dashed with rose.

30 cts. each. One each of the 4 sorts, $1.00.

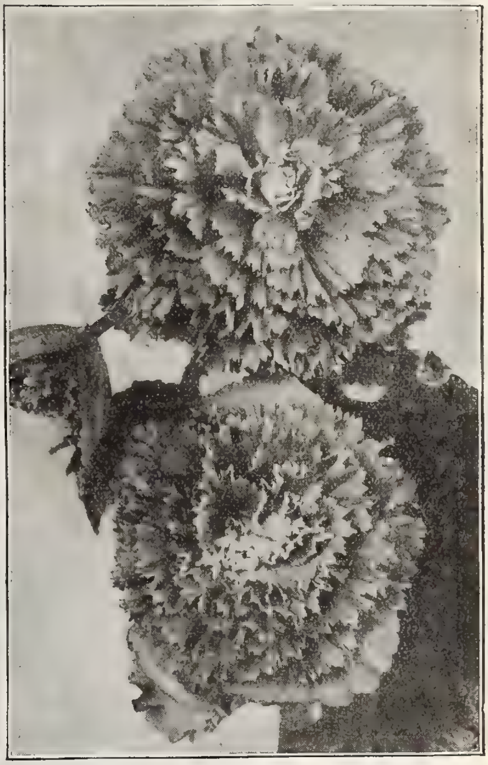


Acanthus Montanus

## NEW DOUBLE-FRINGED BEGONIAS.

(Begonia Hybrida Parreii.)

These new double-fringed, tuberous-rooted Begonias are of large size, full, double form and brilliant colors, the edges of the petals deeply cut, or fringed, adding a most desirable character of lightness to the flowers. Full cultural directions are given on page 138. We offer three distinct colors: White, Rose and Scarlet. 35 cts. each; $3.50 per doz. One of each color for $1.00.



New Double-fringed Tuberous Begonias.

## NEW TUBEROUS-ROOTED BEGONIA FRAU HELENE HARMS.

A splendid acquisition, similar in habit of growth and freedom of bloom to the valuable bedding Begonias, Duke Zeppelin and Lafayette, but of a pleasing primrose-yellow color. 35 cts. each; $3.50 per doz.

## NEW BEGONIA DICHROA.

An introduction from Brazil, of neat shrubby habit, with large, bright, glossy green leaves, sometimes boldly variegated with large and small silvery spots, both green and variegated leaves frequently appearing on the same plant at one time. Its flowers are produced almost the year round in large trusses, and are of salmon-orange color, entirely distinct from all other Begonias. A decided acquisition, and a most useful pot plant for the window-garden. 25 cts. each.

## NEW AND RARE FANCY-LEAVED CALADIUMS.

The set of twenty-five varieties offered below is unquestionably the choicest collection of these beautiful foliage plants ever brought together, showing a delicacy of coloring and variegation which has never been surpassed.

**Alfred Mame.** Deep velvety red, with lighter spots and green border; one of the most brilliant.

**Alvaro de Carvalho.** Transparent deep claret-red with green spots and border.

**August Siebert.** The finest bright red variety.

**Botafogo.** Deep velvety red centre with yellow border.

**Crumarim.** An entirely new color combination, deep green heavily mottled rose, with a few light green spots, ribs green, leaf stems black.

**Cururipe.** Creamy white with pink reflections, densely spotted with red.

**Dr. William Miller.** Glowing red, with brighter veins and pink spots on a green border.

**Faceiro.** Very robust-growing, large, bright yellowish-green foliage and large transparent bluish spots; entirely distinct.

**Fuminense.** Creamy white, densely spotted with red.

**Gartendirecktor Gireaud.** Creamy-yellow, clouded with moss-green, spotted with pink.

**J. Demhlow.** Deep rosy-pink centre, with yellow border.

**Jeronymo Fagosa.** Transparent pink and white, deep green border, freckled white; grand.

**Joao Fernandes Vilira.** Beautiful red with narrow white border.

**Marion A. McAdow.** Very distinct and one of the finest of recent introductions; ground color silvery-green with bluish sheen, pink ribs and veins and few large, vivid red spots.

**Mme. Groult.** Glowing red, suffused bronze, green border; very vivid.

**Mucuripe.** Ground color bright rose, suffused and marbled with white and green.

**Olivenca.** Transparent rosy-red, suffused and bordered with green.

**Pavuna.** Ground color pink with rosy-red ribs and veins; strong grower and very striking.

**Rio de Janeiro.** Transparent pink ground, with pearly shimmer, narrow green border, spotted with rose.

**Silver Queen.** Almost pure white, having but faint green tracings.

**Tapajoz.** Rosy-red centre, creamy-white border.

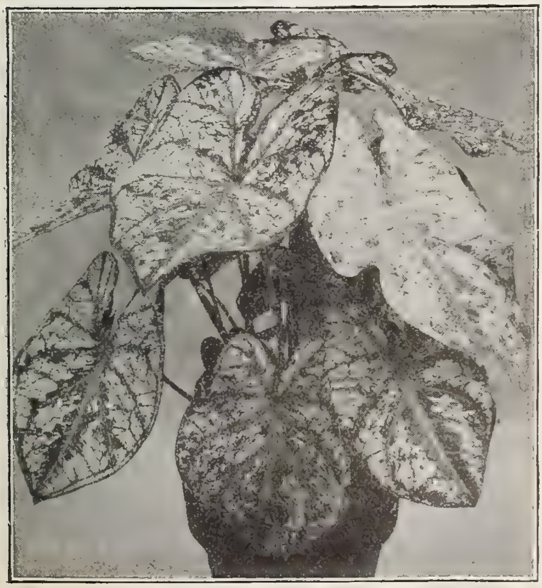
**Tennyson.** Glowing red, suffused with yellow around the zone; golden border.

**Tocatins.** Deep, transparent red, mottled with green; exquisite.

**Torchlight.** Brilliant glowing red centre, green border.

**Wilhelm Pfitzer.** Glowing red centre, with rosy-pink zone and cream border.

**Price.** 50 cts. each; $5.00 per doz.
One each of the 25 beautiful sorts for $10.00.



New Fancy Caladiums.

## NEW CARNATION, CHRISTMAS CHEER.

An exceptionally free-flowering variety, which, on account of its dwarf, branching habit, is particularly well adapted for pot culture, making it a desirable plant for the window garden; flowers of good size, of a brilliant scarlet. 30 cts. each; $3.00 per doz.

Cassia Floribunda, A. Boehm.

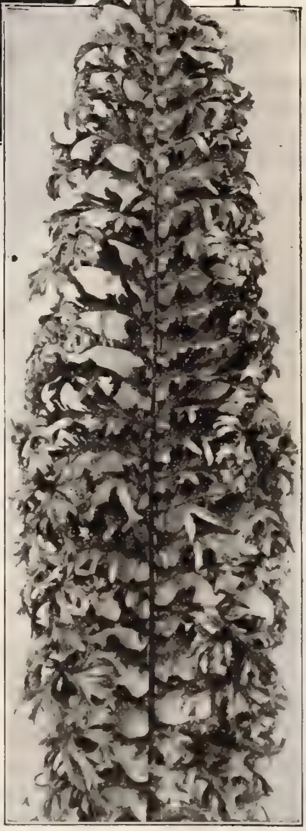
## Four Fine Boston Ferns.

### Nephrolepis Exaltata Superba.

Probably the most beautiful of all the crested or plumed Boston Ferns. Our illustration gives a fair idea of its densely frilled fronds. The plant attains a height of over 3 feet when grown continuously, requiring, in the case of this variety, the facilities of a conservatory or greenhouse; but it is such a grand subject that it is worthy of special care. Good plants, $2.00 each.

### NEPHROLEPIS GIATRASII.

This may appropriately be called a miniature Boston Fern, from which it is a sport, and is still smaller in all its parts than the popular Scott fern. Where a perfect specimen is required in a three, four or five-inch pot this is the ideal variety. Plants in 4-inch pots, 50 cts. each; $5.00 per doz.



Nephrolepis Exaltata Superba.

### Nephrolepis Scholzeli (Plumed Scott Fern).

In this new form, a sport from *Scotti*, we have all the desirable features of the parent, with plumy fronds similar to the Ostrich Plume Fern. Its leaves are held erect with a graceful arch, forming a plumy globe, which is as pretty in a small plant as it is in a specimen plant of the largest size. A splendid variety for table decoration. 4-inch pots, 50 cts. each; 6-inch pots, 75 cts. each; specimen plants, $2.50 each.

### NEPHROLEPIS SUPERBISSIMA.

A unique variety, differing from all others and really in a class by itself. It makes a dwarf, compact growth, the fronds being very dense, firm and rigid, and of a deep green color. 3-inch pots, 25 cts. each; 5-inch pots, 75 cts. each.

## CASSIA FLORIBUNDA, A. BOEHM.

A free-flowering plant, with large orange-yellow flowers, which are produced throughout the summer and fall. An elegant subject for planting in the border in summer, or for pot culture, or it may be grown in a tub into a large specimen, five feet or more high, in which shape it makes an effective lawn plant. It can be wintered in a dormant condition in a cellar or similar place, where not exposed to severe frost. 35 cts. each.

## Grand New Fern Polypodium Glaucum Cristatum.

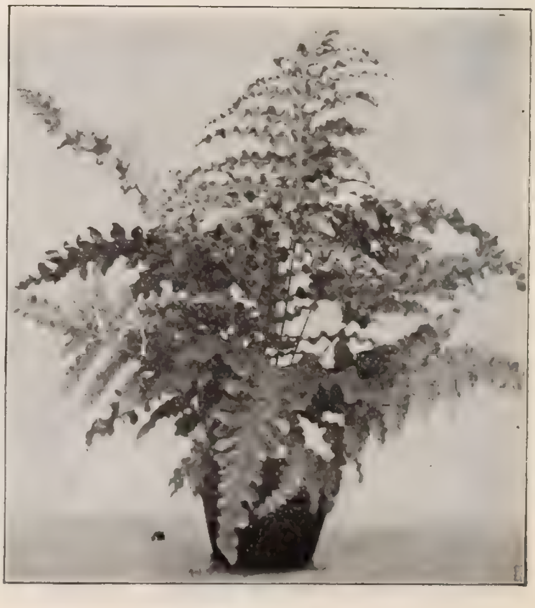
A perfect gem and entirely distinct from all other Ferns, and a splendid subject to grow into specimen plants; the fronds attain a height of about 2 feet, and are of a metallic glaucous-blue color, with the edges of the pinnæ wavy and crispate, giving the plant a graceful, unique appearance. $1.00 each.

## RARE FERN PTERIS CHILDSII.

The most beautiful of all the Pteris, and as it produces no spores will always be scarce. It is a strong grower, and makes handsome specimens for the exhibition table. The fronds are large, with the pinnæ deeply dentated and undulated on the edges and crested tips. $1.00 each.

## NEW DAHLIAS FOR 1911.

We offer this season a grand list of the finest of the latest European and American introductions. These are offered with the best standard varieties on pages 147 to 155. Included are **New Show, New German Giant Cactus, New Cactus, New Decorative, New Pæony-flowered,** and many others.



Polypodium Glaucum Cristatum.

## DRACÆNA BRUANTI VARIEGATA.

A pretty variety, in which the leaves are striped and variegated with deep creamy-yellow; the young foliage is tinted with rich bronzy-red, which intensifies the coloring. $2.50 each.

## FICUS PANDURATA.

(The Majestic Rubber Plant.)

A truly majestic plant. Its gigantic leaves, which frequently measure 10 inches in width by 15 inches in length, are irregular in outline, and of a rich, deep green with creamy-white veins and of remarkable substance, enabling the plant to flourish under the most unfavorable conditions. One of the finest foliage plants of recent years. Specimen plants, 2½ feet high, $3.00 each; 4 feet high, $5.00 each; 6 feet high, $7.50 each.

## FICUS WENDLANDI.

A bold and effective variety, with large heart-shaped leaves 10 to 12 inches long by 8 to 10 inches wide, of a rich dark green, with light green ribs and veins; a fine collection plant. 4-inch pots, $1.50 each.

NEW MARGUERITE, MRS. F. SANDER.

## NEW EMPEROR GLOXINIA.

(Gloxinia Hybrida Imperialis.)

A new hybrid strain produced by crossing Sinningia Regina Hybrida with the choicest strains of Gloxinias, resulting in a plant which not only embraces all of the rich and varied colors of the Gloxinia, but in which the foliage also is distinct and very ornamental, being of a reddish-brown or bronzy color, with strongly projecting white veins, while the flowers are held very erect, thus showing to full advantage. Strong bulbs, in choice mixed varieties, 35 cts. each; $3.50 per doz.

FICUS PANDURATA.

## HYDRANGEA HORTENSIS AVALANCHE.

This is really the first pure white Hydrangea of the Hortensis type introduced, producing its flowers in large trusses. We consider it a valuable acquisition and a plant which will become very popular. We offer a limited stock of strong plants in 6-inch pots, $1.25 each; young plants ready in April, 35 cts. each.

## NEW MARGUERITE, MRS. F. SANDER.

In this we have unquestionably the most important flowering plant introduced in recent years, which, like its predecessors, the French Marguerite and the later introductions, white and blush Queen Alexandra, will be grown extensively for cut flowers during winter, while its pure white color will make it more valuable than any as a pot plant for Easter decorations. For the amateur's conservatory or window garden, it should prove one of the best flowering subjects, it adapting itself to any light sunny position.

Unlike all other Marguerites, its color is of the purest glistening white throughout; in size it frequently measures 5 inches across; the centre of the flower is a mass of closely arranged fringed florets; these are surrounded or edged by the broad, shining white ray petals, forming a flower which reminds one forcibly of a glorified double Pyrethrum. These are produced on long stems with a freedom not known in other varieties of the Marguerite. Strong young plants, ready April 15th, 35 cts. each; $3.50 per doz.; $25.00 per 100.

## NEW EVERBLOOMING PELARGONIUM, "EASTER GREETING."

(Lady Washington Geranium.)

This variety is remarkable for its early and free-flowering habit, and while its principal crop of flowers is produced in early spring, it is the first variety introduced which, in a favorable season, continues to bloom throughout the summer and fall months. Its flowers are of large size, of a bright amaranth-red, each petal marked with a large black blotch. 35 cts. each; $3.50 per doz.

Pennisetum Cupreum.

### NEW ORNAMENTAL GRASS

## PENNISETUM CUPREUM.

The Pennisetums during the past few years have become such popular bedding plants, especially for the bordering of large beds of Cannas, Caladiums, etc., as well as for planting in connection with the various Hardy Grasses, that a new variety is certain to meet with a welcome. *Pennisetum Cupreum* is a cross between the fine-leaved *P. Rueppelianum,* which is illustrated in the border of grasses shown on page 219 of this book, and which was unquestionably the most effective piece of bedding at the Pan-American Exposition in 1900, and the red-leaved *P. Macrophyllum Atrosanguineum* introduced by us from New Guinea some eight years ago.

This new variety originated with Prof. Cowell at the Botanical Gardens, Buffalo, N. Y., and combines the good points of both of its parents. The foliage is somewhat wider than *P. Rueppelianum,* and it has the dark, copery-bronze color of *Macrophyllum Atrosanguineum.* The plumes are of a tawny crimson color; it grows 3 to 3½ feet high. A distinct and valuable addition to our list of tender grasses.

Young plants, ready April 15th, 25 cts. each; $2.50 per doz.; $15.00 per 100.

## PERESKIA GODSEFFIANA.

A splendid new variegated foliage plant which should prove a valuable acquisition for use in window-boxes, bedding, etc., in the same way as the variegated forms of Acalypha are now used. The plant is of strong, vigorous growth, with somewhat succulent leaves, which are neatly variegated with green and ochre and suffused with a lively bronze-red. Ready April 1st. 30 cts. each; $3.00 per doz.

## NEW GOLDEN-LEAVED SMILAX.

An introduction which will be valuable in fine floral decorations, adding variety and color not obtainable in other foliage plants. The foliage is a lustrous, glossy, golden-yellow, the plant possessing the same vigorous, free-growing habit as the ordinary green-leaved Smilax. 35 cts. each; $3.50 per doz.

## New Selaginella Golden-leaved Emilieana.

The green-leaved Selaginella Emilieana is one of the prettiest of the mosses, and is extensively grown for use in fern-dishes, as well as for individual specimens in connection with Ferns, etc. It succeeds well in the window garden, forming pretty, shapely plants from 6 to 10 inches high. This new variety, however, has rich golden-yellow foliage, very distinct and effective.

Good young plants, 35 cts. each.

## Sanseviera Zealanica Laurentii.

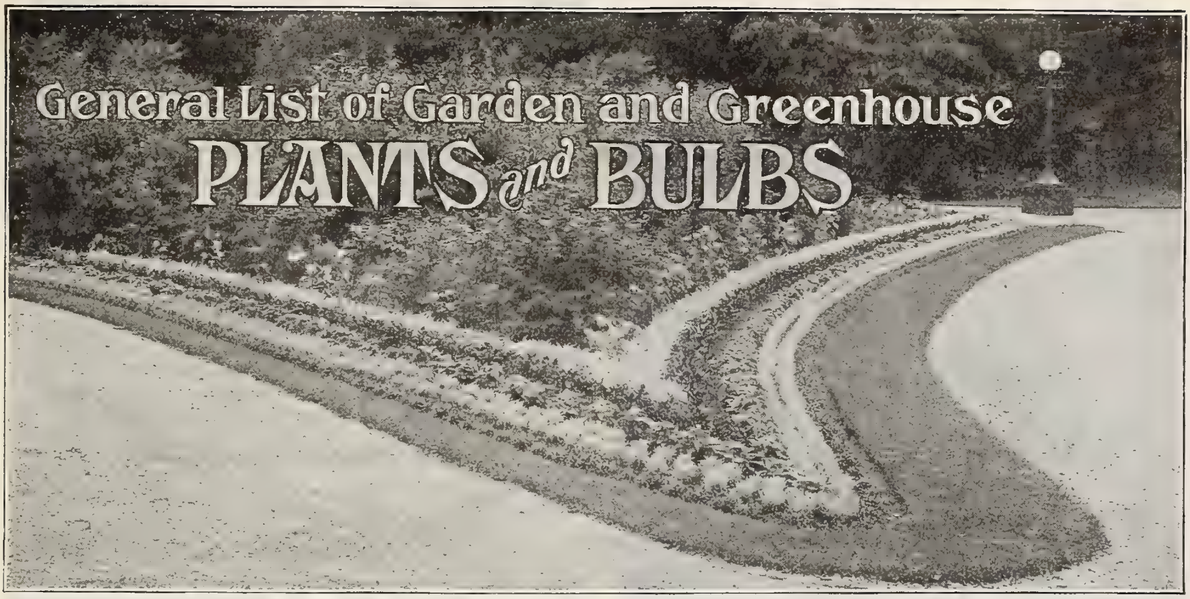
The ordinary Sanseviera Zealanica offered on page 173, with its thick, leathery foliage of dark green, irregularly transversely variegated with silvery-grey markings, has long been recognized as one of the best plants for the house, it succeeding under the most adverse conditions and always presenting a fresh appearance. This new variety, in addition to this variegation, has a band of creamy-yellow varying from ¼ to ½ inch or more in width on each edge of the long leaves, which adds greatly to its decorative effect. Stock limited. $2.50 each.

## WATSONIA ARDERNEI.

(White Bugle Lily.)

A bulbous plant from the Cape of Good Hope, closely allied to and similar in growth to the Gladiolus, and succeeding under the same cultivation. It can be grown as a pot plant and flowered in the conservatory or greenhouse, but succeeds best when planted out. It grows about 4 feet high with branched stems, there frequently being as many as five or six branches on a stem, and bearing many long-tubed, open flowers, 2 inches across, of the purest glistening white. As a cut flower for vases it is considered very choice. Strong bulbs, 15 cts. each; $1.50 per doz.; $10.00 per 100.

Sanseviera Zealanica Laurentii.



# General List of Garden and Greenhouse PLANTS and BULBS

☞**Please read what we say regarding filling and forwarding of Plant Orders on page 127.**☜

Table showing the number of plants required to fill a circular bed of the dimensions given below. In planting begin outside row—where 6 inches apart, 3 inches from edge of bed; where 12 inches apart, 6 inches from edge of bed.

| Diameter of bed. | Plants 6 in. apart. | Plants 12 in. apart. | Plants 18 in. apart. | Plants 24 in. apart. | Plants 30 in. apart. |
|---|---|---|---|---|---|
| 3 feet | 28 | 7 | | | |
| 4 “ | 48 | 12 | 6 | | |
| 5 “ | 80 | 20 | 8 | | |
| 6 “ | 112 | 28 | 13 | 7 | |
| 7 “ | 152 | 38 | 17 | 9 | |
| 8 “ | 200 | 50 | 23 | 12 | |
| 9 “ | 256 | 64 | 28 | 16 | |
| 10 “ | 320 | 80 | 36 | 20 | 13 |
| 11 “ | 380 | 95 | 42 | 24 | 16 |
| 12 feet | 452 | 113 | 50 | 28 | 18 |
| 13 “ | 528 | 132 | 59 | 33 | 22 |
| 14 “ | 612 | 153 | 68 | 39 | 25 |
| 15 “ | 704 | 176 | 78 | 44 | 28 |
| 16 “ | 804 | 201 | 89 | 50 | 32 |
| 17 “ | 904 | 226 | 100 | 57 | 36 |
| 18 “ | 1016 | 254 | 113 | 63 | 40 |
| 19 “ | 1132 | 283 | 126 | 71 | 46 |
| 20 “ | 1256 | 314 | 139 | 78 | 50 |

A square bed will take about the same number of plants. An oval bed, add length and breadth and divide by 2. For example, an oval 7 feet long by 5 feet wide will require same number of plants as a circular bed 6 feet in diameter.

## ACACIA.

**Armata.** A most desirable house plant, succeeding under the same conditions as an Azalea or Camellia; the bright canary-yellow, globular flowers are produced in March and April; very effective. 75 cts. each.

## ABUTILONS.

Desirable free-flowering plants for the window garden or for bedding in summer. (See cut.)

**Boule de Neige.** Pure white.

**Eclipse.** A splendid variety for baskets and vases; foliage marbled green and yellow; flowers scarlet and orange-buff.

**Golden Fleece.** Fine, pure yellow.

**John Hopkins.** Old-gold.

**Rosæflora.** Pretty pinkish-rose.

**Savitzi.** Variegated foliage, green and white.

**Thompsoni plena.** Perfectly double flowers, rich orange, streaked crimson.

**Vesuvius.** Bright red, veined with crimson.

**Price,** 10 cts. each; $1.00 per doz. Set of 8 varieties for 75 cts.

ABUTILON.

## ACALYPHA.

**Macafeana.** Bronze and crimson foliage.

**Marginata.** Bronzy green edged carmine.

10 cts. each; $1.00 per doz.; $8.00 per 100.

## ACHYRANTHES.

**Acuminata.** Bronzy-purple foliage.

**Brilliantissima.** Foliage rich crimson.

**Emersoni.** Narrow, deep red foliage.

10 cts. each; $1.00 per doz.; $8.00 per 100.

**Panache de Bailey.** A beautiful new variety illustrated and offered on page 128.

## ÆSCHYNANTHUS.

**Grandiflora.** A pretty trailing or basket plant for the warm conservatory, bearing attractive orange-scarlet flowers. 25 cts. each.

## AGLAONEMA.

Dwarf-growing Aroids, with pretty, variegated foliage; suitable for the warm conservatory or window garden.

**Costatum.** Very compact, heart-shaped leaves of dark, shining green, with white midrib and scattering blotches of white. 50 cts. each; $5.00 per doz.

**Marantæfolium maculatum.** Dark green foliage, beautifully variegated with greenish white. 50 cts. each; $5.00 per doz.

AGAPANTHUS UMBELLATUS.

## AGAPANTHUS.

**Umbellatus** (*Blue Lily of the Nile*). A splendid ornamental plant, bearing clusters of bright blue flowers on long flower stalks and lasting a long time in bloom. A most desirable plant for outdoor decoration, planted in large pots or tubs on the lawn or piazza.

**— Alba.** A white-flowering variety.

15 cts. each; $1.50 per doz. One of each, 25 cts.

## AGERATUM (Floss Flower).

One of the best of bedding plants; always in bloom.

**Blanche.** Dwarf, compact white.
**Inimitable.** Bright lavender-blue; very large.
**Mont Blanc.** Large-flowered white.
**Princess Pauline.** Blue, white centre.
**Stella Gurney.** Bright blue.
10 cts. each; $1.00 per doz.; $6.00 per 100.

AGERATUM.

## ALLAMANDA.

**Hendersoni.** A strong-growing variety, well suited for growing on the pillars or supports of a conservatory, or for training on a trellis; large golden-yellow flowers. 25 cts. each; $2.50 per doz.

**Williamsii.** This handsome variety is entirely distinct from all others, being quite dwarf and forming a compact bush with trusses of bloom at every point. The flowers are 3 inches in diameter, of a very rich, yet delicate, tint of yellow, deliciously scented; a fine plant for the window garden or conservatory. 25 cts. each; $2.50 per doz.

## ALOCASIAS.

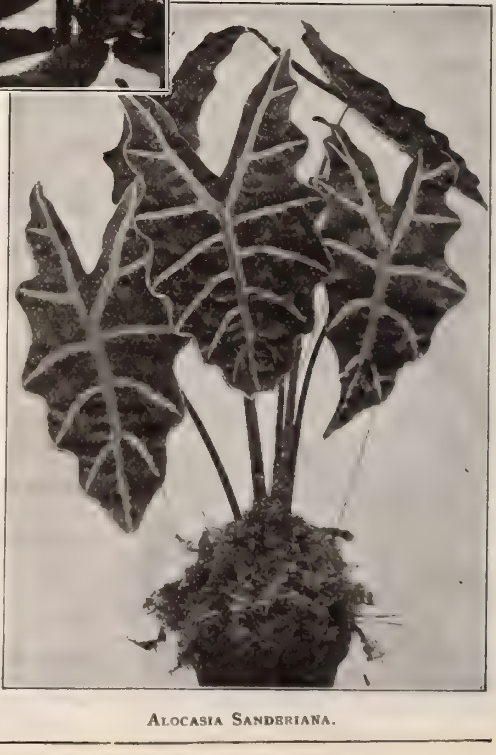
Beautiful subjects for the warm conservatory, with showy, ornamental foliage; invaluable as exhibition plants.

**Argyrea.** Foliage deep green with silvery-white ribs and veins. $1.50 each.

**Lowii.** A rare variety with olive-green foliage and silvery markings, the reverse side rich purple. $3.00 each.

**Sanderiana.** Deeply-lobed leaves of a glossy dark green with metallic reflections and prominent white margins and veins; a handsome and scarce plant. $3.00 each.

**Zebrina.** Foliage bright green, supported on ivory-white stems, which are transversely marked with dark green; very interesting. $2.50 each.



ALOCASIA SANDERIANA.

## ALOYSIA (Lemon Verbena).

**Citriodora.** Well-known popular, fragrant favorite. 10 cts. each; $1.00 per doz.

## ALTERNANTHERA.

Bright foliaged plants of dwarf habit, much used for carpet bedding.

**Aurea Nana.** Bright yellow foliage.
**Brilliantissima.** Dwarf-growing, bright red foliage.
**Jewel.** A new large-leaved bright crimson.
**Rosea nana.** Dwarf, rosy-crimson foliage.
**Versicolor.** Olive, crimson and chocolate,
10 cts. each; $1.00 per doz.; $6.00 per 100.

## ALYSSUM (Sweet Alyssum).

**Little Gem.** The dwarf white variety so much used for edging. 75 cts. per doz.; $6.00 per 100.

## AMASONIA.

**Puniceus.** A greenhouse shrub of easy growth with yellowish flowers and bright red bracts, which remain attractive from January to April; should be grown in rather small pots. 50 cts. each.

## Amorphophallus.

**Rivieri.** Particularly handsome plant for growing either in clumps or as a solitary specimen. Should be planted in May in warm, sunny situation in extra rich soil; the flowers appear before the leaves and rise to a height of 2 feet and resemble a gigantic black Calla. This is soon followed by the massive tropical looking leaves, supported by thick, beautifully marbled stems. Large bulbs, 30 cts. each; $3.00 per doz.

**One of our leading specialties is large Roses that will give immediate results. See pages 175 to 193.**

## AMARYLLIS (Hippeastrum).

The Amaryllis is pre-eminently a window-garden plant for the amateur, producing under the simpliest conditions one, two or even three spikes, two feet or more high, which are crowned with from three to six large and gorgeous trumpet-shaped blooms which last long in good condition.

As a rule Amaryllis are supplied during the winter and early spring in the form of dormant bulbs. They should be potted as soon as received in pots of a size about one inch larger in diameter than the diameter of the bulbs. Plant the bulbs so that only the thick part of the bulb is covered with soil; the long neck must be fully exposed. Any good garden soil will grow them, but preferably use two parts of good, fibrous loam to one part of well-decomposed cow-manure, and add if the soil is clayey sufficient sharp sand to make it loose and friable. Water sparingly until active growth begins, but after the plants are in full leaf they must be very liberally supplied with water, taking care at all times to provide ample drainage.

In the summer the plants will be benefited by plunging the pots in the open border where they will be exposed to full sunshine. In the autumn, after they become checked by frost, store them dry in the pots in which they have been growing in a cellar or other place in which potatoes or dahlias would keep in good condition. They should be looked over occasionally, and any showing signs of new life must at once be brought to the light. If they are stored in the pots in which they have grown the previous season, no repotting is necessary at this stage, though an occasional watering with liquid cow manure or our Peerless plant food will help to increase the beauty and size of the flowers.

**Nehrling's Florida Hybrids.** This grand strain, the result of over 20 years' crossing and re-crossing, combined with careful selection, have resulted in a strain of strong, vigorous growth, producing from four to six flowers on a stalk, which are of enormous size, ranging in color from deep crimson to dazzling orange-scarlet and from light rose to almost pure white, the darker varieties generally being striped with a band of white, the lighter-colored ones having bright crimson lines and variegations. 75 cts. each; $7.50 per doz.

**Burbank's Hybrids.** The bulbs we offer have been received direct from Mr. Luther Burbank, the famous hybridizer, and represent the result of years of careful crossing and selecting, and is a magnificent strain in every way. Very strong bulbs, 75 cts. each; $7.50 per doz.

**Aulica Platypetala** (*Lily of the Palace*). Immense flowers of intense crimson, tipped green. 75 cts. each; $7.50 per doz.

Hybrid Amaryllis.

**Equestre** (*Barbadoes Spice Lily*). Bright orange-scarlet with a white star-shaped centre; quite fragrant. 15 cts. each; $1.50 per doz.

**Formosissima** (*Jacobæn Lily*). Crimson, blooming early in the summer. 10 cts. each; $1.00 per doz.

**Johnsonii.** Very large flower, of a rich crimson-scarlet color, striped with white. 35 cts. each; $3.50 per doz.

**Prince of Orange.** Large flowers; orange, intermingled with white and green. 50 cts. each; $5.00 per doz.

**R. H. James.** Magnificent flowers of well-expanded form, rarely under 6 inches across; in color a dazzling scarlet, relieved by a white band and featherings in the throat, which intensifies the brilliancy of the scarlet. $1.00 each.

**Solandriflora conspicua.** Striped white, green and rose. 75 cts. each.

**Williamsi.** Rich scarlet with white markings. 50 cts. each.

**Vittata Hybrids.** Beautiful striped, flaked and feathered varieties; grown for us by a European specialist. 50 cts. each; $5.00 per doz.

One each of the above 11 Amaryllis, a splendid collection, $5.00.

Ananas (Variegated Pineapple).

## ANANAS (Pineapple).

**Sativus Variegatus** (*Variegated Pineapple*). This is one of the most beautiful variegated foliage plants in cultivation, and is not only adapted for use in the greenhouse or conservatory, but also as a plant for room decoration, for which purpose it is superior to the variegated forms of Pandanus, which it somewhat resembles in style of growth; the leaves are from 2 to 3 feet long, with a central band of bright green broadly margined with rich creamy-yellow, tinged with red towards the closely serrated edges. 4-inch pots, $3.00 each; 5-inch pots, $5.00 each.

## ANTHERICUM.

**Vittatum Variegatum.** A most desirable vase or window-box plant; long, narrow green foliage, edged with white. 15 cts. each; $1.50 per doz.

## ANTIRRHINUM.

(Snapdragon).

Popular plants for bedding and of special value for cutting. The stock we offer has been grown from a select strain. Ready in May. 10 cts. each; $1.00 per doz.; $6.00 per 100.

**Read the Miscellaneous Hints and Suggestions to Amateurs on page 127.**

## ANTHURIUMS (Flamingo Flower).

Pretty greenhouse plants that have many good qualities, not only as decorative plants, but as cut flowers. Their peculiar-shaped flowers of rich colorings frequently last on the plant from two to three months.

**Andreanum Hybrids.** A fine collection of seedlings, from which we can select the following colors, all in large size flowers—red, rose and white. $1.00 and $1.50 each.

**Scherzerianum.** Brilliant scarlet flowers. 50 cts. and $1.00 each.

— **Album.** White. $2.00 each.

— **Mme. Dalliere.** Soft salmon. $1.00 each.

— **Roseum.** Salmon-rose. $1.00 each.

— **Rothschildianum.** White spotted crimson. $1.50 each.

— **Sanguineum.** Rich crimson. $1.50 each.

**Magnificum.** Grown for its beautiful foliage, which is rich olive-green with silvery veins. $2.00 each.

## APHELANDRA.

**Roezlii.** A pretty hothouse plant, with silvery-green foliage and showy terminal spikes of bright, red-bracted flowers, produced principally during the late autumn. 25 cts. each.

## ARALIA.

Handsome decorative foliage plants for the warm conservatory and for exhibition purposes.

**Chabrierii.** Long, narrow, deep-green foliage with crimson-bronze midrib. $1.00 each.

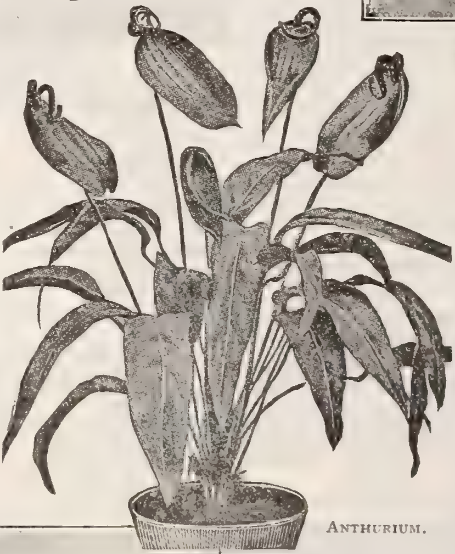
**Elegantissima.** Finely divided metallic-green foliage. $1.00 each.

**Kerchoveana.** Foliage rather broad, margins conspicuously undulated, of a deep glossy green, relieved by a pale midrib. $1.00 each.

**Monstrosa.** Large, bright green, deeply serrated foliage, the serrations frequently being of fantastic form, broadly margined with creamy-white, the surface blotched with grey. 50 cts. each.

**Veitchii.** A handsome species, with narrow leaflets, having undulated edges of a dark green above and red underneath; a fine table plant. $1.00 each.

— **Gracillima.** Similar to the above, but with very narrow foliage. $1.00 each.



Anthurium.

Aralia Elegantissima.

Araucaria Excelsa.

## ARAUCARIA.

(Norfolk Island Pine.)

The following cultural notes have been written by Mr. Eben. E. Rexford expressly for this book:

"The Araucaria is of remarkable symmetry. As the plant increases in height, the effect of its successive layers, or tiers of branches, is very striking, and will always please those who admire plants with fine foliage. Plants five or six years old ought to have attained a height of as many feet. Those who have depended upon the Palm and other plants of that class for hall or porch decoration will be delighted with this plant when they give it a trial. Contrary to the general impression, it is a plant of the easiest culture. It succeeds best in a soil of sandy loam, made moderately rich by the addition of a reliable fertilizer, like bonemeal. Good drainage should be provided, water should be supplied in sufficient quantity—and often enough—to keep the soil always *moist*, but never *wet*. If this is done, and the plant is showered frequently all over, and especially on the under side of its branches, to keep down the red spider, which is the most destructive of all plant enemies in the living-room, any amateur can grow it and grow it well.

**Excelsa** (*Norfolk Island Pine*).

| | Inches High. | Each. | | Inches High. | Each. |
|---|---|---|---|---|---|
| 4 in. pots, | 6 to 8 | 50 cts. | 6 in. pots, | 14 to 16 | $1.50 |
| 5 " | 10 to 12 | 75 " | 7 " | 18 to 20 | 2.00 |
| 6 " | 12 to 14 | $1.00 | | | |

**Excelsa Glauca** (*Glaucous-leaved Norfolk Island Pine*).

| | Inches High. | | | Inches High. | |
|---|---|---|---|---|---|
| 5 in. pots, | 8 to 10, | $1.00 each | 6 in. pots, | 12 to 15, | $1.50 each. |

**Robusta Compacta** (*Compact Norfolk Island Pine*).

| | Inches High. | Each. | | Inches High. | Each. |
|---|---|---|---|---|---|
| 6 in. pots, | 10 to 12 | $1.50 | 6 in. pots, | 14 to 16 | $2.00 |

## ARDISIA CRENULATA.

A very ornamental greenhouse plant, with dark evergreen foliage, producing clusters of brilliant red berries; a first-class house plant in winter. 25 cts. each.

Fern Dish Filled with Asparagus with a Few Flowers Stuck in for Table Decoration as Suggested in Mr. Rexford's Article.

## ASPARAGUS.

The following cultural notes have been written expressly for this book by Eben. E Rexford:

"If there is a better plant for table decoration than *A. plumosus nanus*, I do not know what it is. The foliage of this plant is more delicate than that of the finest Fern, being lace-like in its filminess. If allowed to grow without limitation, the young shoots develop into miniature vines, but if these are pinched off when a foot or eight inches tall, side branches will be developed which are like the fronds of some varieties of Fern in general outline; hence, the popular name of 'Asparagus Fern.' A plant with half a dozen such stalks is a mass of dainty, misty green, among which the stems of a few flowers can be thrust in such a manner as to make the combination far superior, artistically, to most expensive decorations prepared for the table by the professional florist. Half a dozen Carnations used in connection with such a plant will make a superb ornament for the table. There is no limit to the variety which can be evolved with a few flowers of almost any kind with one of these plants to serve as the basis of operations. Its value to the woman who takes pleasure in making her table attractive will, therefore, be readily understood.

"*A. Sprengeri* is excellent for hanging-baskets, for bracket use, and for cutting. It is one of the best of all plants for the window-box, when planted on the outside, where it can droop over the edge of the box.

"Give *plumosus nanus* a soil of sandy loam. Water with moderation. Keep out of the sunshine. Give *Sprengeri* a similar soil, but expose it to full sunshine."

**Plumosus Nanus** (*Asparagus Fern*). 15 cts. and 25 cts. each; $1.50 and $2.50 per doz.

**Sprengeri** (*Emerald Feather*). 15 cts. and 25 cts. each; $1.50 and $2.50 per doz.

## SUPERB BRANCHING ASTERS.

This is the finest type of China Aster for the amateur, being of strong, robust habit, growing 2½ feet high and bearing their large Chrysanthemum-like flowers in August and September. We can supply nice plants in May and June of the eight distinct colors offered on page 74. 60 cts. per doz.; $4.00 per 100.

## CHINESE AZALEAS.

These beautiful plants are deservedly popular for window and conservatory decorations. The plants we offer comprise the cream of the best European establishments.

| | Each. | Dozen. |
|---|---|---|
| First size, 36 to 45 inches in cir. | $1.50 | $15.00 |
| Second size, 36 inches in cir. | 1.00 | 10.00 |
| Third size, 30 inches in cir. | .75 | 7.50 |
| Fourth size, 24 inches in cir. | .50 | 5.00 |

Specimen plants, 5 feet in circumference, $4.00 each; $45.00 per doz.

## ASPIDISTRA.

Mr. Eben. E. Rexford writes the following cultural notes especially for this book:

"The Aspidistra is the easiest of all the decorative plants to grow well. Indeed, I know of no other plant that will flourish with so little care. Give it a loamy soil and plenty of water, and it will ask for nothing more.

"For veranda decoration in summer it is unexcelled. It is admirably adapted for use in front of a grate in summer because of its low, spreading habit of growth. In the hall, at any season of the year, it will attract more attention than almost any plant that can be grown there. It is never injured by insects. Those who have 'no luck' with other decorative plants ought by all means to try this. Simply keep it well watered and fertilized and it will grow for anyone. I know no plant better adapted to use in shady corners or places away from the light. Indeed, it seems to do as well at the side of a room opposite a window as it does near the glass."

**Lurida.** Green-leaved. 50 cts., 75 cts. and $1.00 each.

**Lurida Variegata.** A pretty variegated form, the foliage being striped with white. 75 cts. and $1.00 each.

## AUCUBA.

Mr. Eben. E. Rexford writes the following especially for this book:

"This is a plant deserving a great deal more attention than it receives. Its foliage is of the richest, glossiest green, thickly spotted with yellow. For hall decoration it is as attractive as any Palm. In summer it makes a most charming decoration for the veranda. It does well in soil of good loam. I consider it superior to the expensive Bay in decorative effect. It is one of those plants which is good for years if properly cared for, increasing in beauty as it becomes older and larger."

**Japonica.** Strong, bushy plants, 12 inches high, 35 cts. each; specimen plants, 1½ feet high, 75 cts. each; 2 feet high, $1.50 each; 3 feet high, $4.00 each.

## BLAKEA.

**Trinervia.** A handsome shrub-like plant for the warm conservatory, of attractive habit, with dark green leaves and large rose-colored flowers in June. 50 cts. each.

Aspidistra Lurida Variegata.

THE "INTERNATIONAL" COLLECTION OF ROSES shown in colors and offered on page 176 are extra choice.

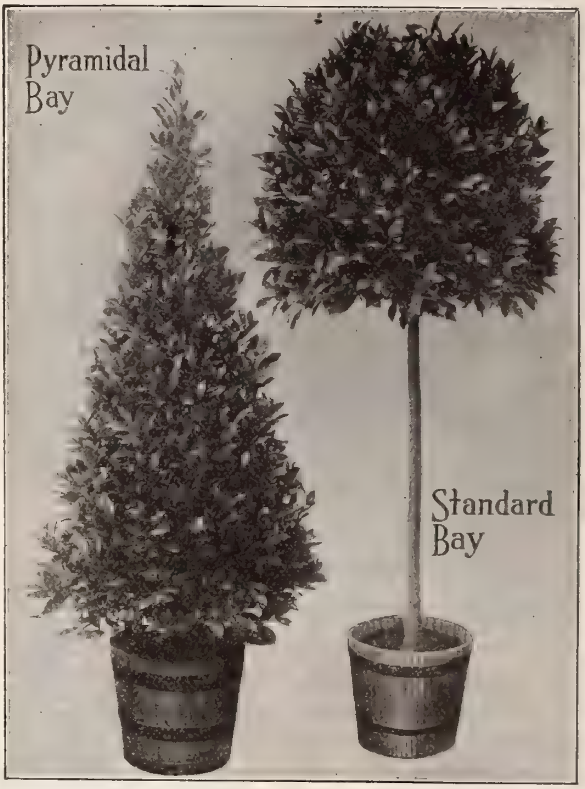
## BAY TREES (Laurus nobilis).

### Pyramid-shaped.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 3 | feet | high, | 15 | inches in | diameter | at base, | $ 3.00 | each. |
| 4½ | " | " | 24 to 26 | " | " | " | 7.50 | " |
| 5 | " | " | 26 to 28 | " | " | " | 10.00 | " |
| 6 | " | " | 30 to 32 | " | " | " | 12.50 | " |
| 6 | " | " | 32 to 34 | " | " | " | 15.00 | " |
| 7 | " | " | 38 to 40 | " | " | " | 20.00 | " |

### Standard, or Tree-shaped.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Stems | 24 | in. high, | crown | 15 in. | in | diameter, | $ 3.00 | each. |
| " | 30 | " | " | 24 | " | " | 6.00 | " |
| " | 36 | " | " | 24 to 26 | " | " | 7.50 | " |
| " | 45 | " | " | 24 to 26 | " | " | 7.50 | " |
| " | 45 | " | " | 26 to 28 | " | " | 10.00 | " |
| " | 45 | " | " | 30 to 32 | " | " | 12.50 | " |
| " | 45 | " | " | 34 to 36 | " | " | 15.00 | " |
| " | 45 | " | " | 40 to 42 | " | " | 20.00 | " |



## TUBEROUS-ROOTED BEGONIAS.

The following cultural notes, by Eben. E. Rexford, were written expressly for this book:

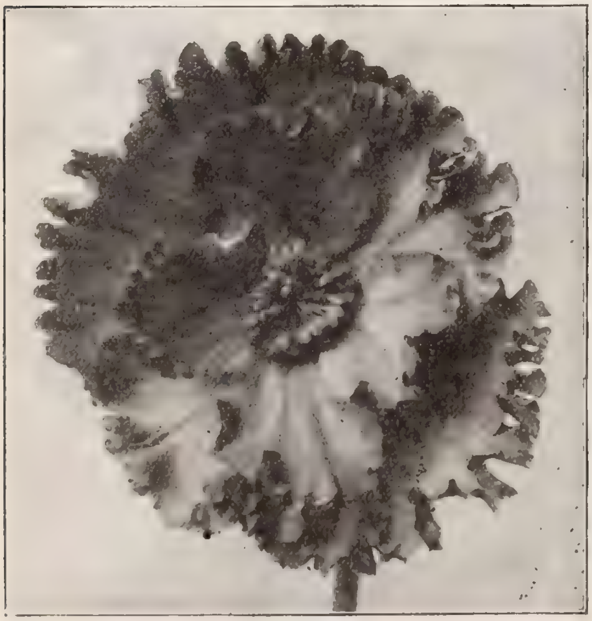
"Few plants are better adapted to the summer decoration of the window garden, the veranda and the conservatory than the Tuberous Begonia. It is a constant and prolific bloomer, wonderfully rich and varied in coloring, and so easy to grow that all persons ought to succeed with it.

"A soil that will grow it to perfection is made up of one part leafmold—or the turfy matter scraped from the bottom of old sod—one part garden loam, and one part sand. Mix these well together, and you have a compost that is friable, porous and well adapted to any plants having fine, fibrous roots.

"When the tubers of these Begonias are procured, spread them out on pans of moss, which should be kept moist and warm. Here they should be left until sprouts appear. If you have no moss at hand, a piece of an old blanket or carpet will do very well, so long as either are thick enough to retain moisture. It is not absolutely necessary to sprout your tubers in this manner if you can tell which is top or bottom of them, but frequently they look so much alike on both sides that you cannot be sure which is which until sprouts appear, and it will not do to plant them wrong side up. I would give each tuber a five-inch pot, if grown singly I prefer, however, to use three tubers to a seven-inch pot. The effect is stronger, and in every way more satisfactory. Settle the tuber down into the soil to the depth of an inch. Water very cautiously until active growth begins, then increase the amount. But at no time during its existence will the plant require more than enough to make—and keep—the soil moist all through.

"There are several methods of keeping the tubers of these Begonias over winter. Some allow them to remain in the soil in which they grew in summer, allowing it to become quite dry. The pots are then stored away in a dark closet or room where the temperature will be low, but never down to the freezing-point.

"Another method is to leave the tubers in their pots until all their foliage has died off. Then the soil is allowed to dry out after which they are taken out of it, shaken clean and wrapped in paper, each tuber by itself. They are then put into boxes of perfectly dry sawdust, or bran, and stored in a dry, frost-proof room. In either case they should then be sprouted and potted, as above, in March."



FRILLED TUBEROUS BEGONIA.

We would add to the above that they are now used extensively for outdoor planting. Give them a partially shaded position in a light soil and well drained position, and they will give more bloom than any other plant which will grow in such a place.

**Single.** Scarlet, white, pink, crimson, yellow and orange. 10 cts. each; $1.00 per doz.; $6.00 per 100.

**Single, Mixed.** 8 cts. each; 75 cts. per doz.; $5.00 per 100.

**Double.** Scarlet, pink, white and yellow. 20 cts. each; $2.00 per doz.

**Double, Mixed.** 15 cts. each; $1.50 per doz.

## New Frilled Tuberous Begonias.

This strain, by careful selection, has been wonderfully improved, until it is now unquestionably the finest of the tuberous-rooted section. The flowers are of large size, from 4 to 6 inches in diameter, with beautifully frilled and wavy petals, not unlike the finest single Petunias. We can supply in red, white, pink and yellow. 25 cts. each; $2 50 per doz.

## Two Brilliant Begonias.

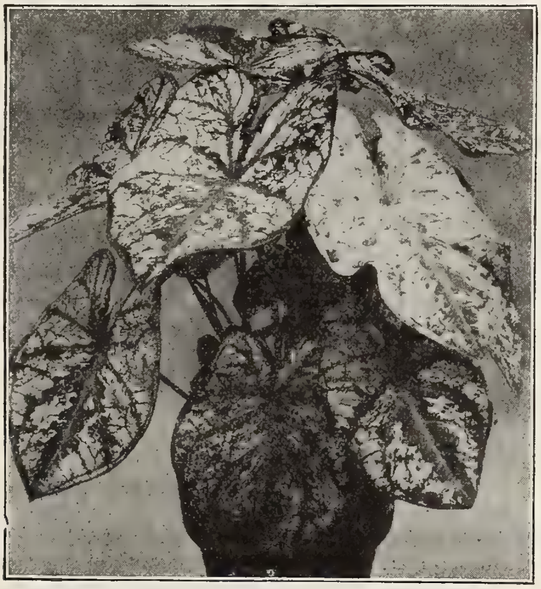
Two gorgeous tuberous-rooted varieties of strong but dwarf habit, 8 to 10 inches in height, and throwing up numberless stems, of full, double flowers, about 1½ inches across, from early in July until cut down by severe frost. A continuous display of color, which, for richness and intensity is unapproached.

**Duke Zeppelin.** Intense pure vermilion-scarlet.

**Lafayette.** Brilliant crimson-scarlet.

25 cts. each; $2.50 per doz.; $15.00 per 100.

Begonias are continued on next page. For new sorts see pages 128 and 129.



New Fancy Caladiums.

## BEGONIA REX (Ornamental-leaved).

Our collection embraces all the good old varieties, as well as the best of recent introductions. 15 cts. each; $1.50 per doz.

## FIBROUS-ROOTED BEGONIAS.

**Alba Picta.** Leaves glossy green, freely spotted with silvery-white; flowers white.

**Argentea Guttata.** Foliage of rich green, spotted with silver.

**Corallina Lucerna.** Gigantic trusses of bronzy-red flowers, in bloom continuously from April to November.

**Haageana.** Large flowers of creamy white, suffused with pink; foliage bronzy-green above, red below.

**Metallica.** Lustrous bronze-green foliage; veins depressed and dark red, rosy-white flowers.

**Rubra** (*Coral Begonia*). Flowers scarlet-rose, glossy and wax-like.

**Saundersoni.** Scarlet flowers; in bloom continually.

15 cts. each; $1.50 per doz. Set of 7 varieties for 85 cts.

## FANCY-LEAVED CALADIUMS.

No other summer foliage-plant equals the Fancy Caladium in rich and gorgeous, yet soft coloring. All of the varieties are of marvellous beauty for the furnishing of the conservatory during the summer months, for window-boxes or even for outdoor bedding in shady or semi-shady positions. They are of easy culture. The soil should be rich and light; a mixture of equal parts of loam, leaf-mold and thoroughly decomposed stable manure suits them best. The bulbs should be covered with about an inch of soil. Care must be taken in watering until active growth commences, when they delight in a liberal supply, but at all times providing them free drainage. In the autumn, when they show signs of resting, water must be withheld, and the pots containing the roots may be stored in a dry place where the temperature will not fall below 60 degrees.

**Acary.** Violet-red centre and ribs, creamy-white zone and large scarlet spots; border green.

**Alfred Bleu.** White spots on flesh centre; rich green ground.

**Alphonse Karr.** Green ground, carmine-lake ribs, deep red spots.

**Araras.** Rosy-white ground with dark green ribs and veins.

**Bicolor Splendens.** Centre deep red, border bright green.

**Bilontra.** Bluish-violet centre, lighter zone, green border.

**Candidum.** White ground with strongly-marked green ribs.

**Chantini.** Red ground with white spots and green margin.

**Euterpe.** Centre and ribs red, border green, spotted white.

**Dr. Boisduval.** Red centre, pink spots and green border.

**Dr. J. Singelmann.** A strong-growing white.

**Fascination.** Pink centre, bronzy-red zone, green border.

**Formiga.** Transparent rose, dark green ribs.

**Gaze de Paris.** Transparent white, veined green.

**Itaqui.** Pale rosy ground, red ribs, black stems.

**Lepeschkinei.** Glowing red centre and rosy-red spots on a green margin.

**Mme. Alfred Bleu Major.** Large round white leaves shaded rose. Veins and nerves reddish-rose and green.

**Porto Novo.** Deep green with greenish-white centre, crimson ribs and spots.

**Petsch Kani.** Deep red centre, green border.

**Rio Claro.** Transparent rosy-white, with cerise ribs and green border with white spots.

**Roncador.** Deep glossy green foliage, with almost black ribs and old-rose markings.

**Splendidum.** Deep crimson centre with bronzy-green border.

**Thomar.** Green, spotted deep red, suffused with pink.

**Virginale.** White with green spots.

**Wightii.** Green ground, spotted red and white.

20 cts. each; $2.25 per doz.; set of 25 varieties, $4.00.

## BOUGAINVILLEA.

**Lateritia.** A rare and distinct variety, of no value as a greenhouse plant, but beautiful where it can be planted out, as in California, Florida, or Louisiana, etc. The flowers are of a peculiar shade of red and greatly admired. $1.00 each.

**Sanderiana.** This beautiful free-flowering variety is very popular, especially as a plant for Easter. It is of strong and rapid growth, and brilliant rosy-crimson blossoms are produced from early in March until midsummer; in fact, a plant will frequently flower the greater part of the year. 25 cts. each.

**Willam K. Harris.** Identical with the above, except in foliage, which is beautifully variegated with creamy-white. 50 cts. each.

## BOUVARDIA.

**Humboldtii Corymbiflora.** A splendid late fall and early winter-flowering plant, producing clusters of large white, fragrant, jasmine-like flowers; a most valuable plant for the conservatory and window garden. Young plants, ready in April, 15 cts. each; $1.50 per doz.

## GIANT-FLOWERING CALADIUM "NEW CENTURY."

A species from Central America, producing very large leaves of a heavy, leathery texture; bright glossy green color, with metallic lustre, and held on stout, stiff stems well above the ground. The creamy-white Lily-like flowers are produced throughout the summer. 15 cts. each; $1.50 per doz.

Bougainvillea.

We offer some grand new Hybrid-Tea Roses this season. See pages 176 to 184.

Typical Spike of Newer Cannas.

# CANNAS.

No other bedding plant will give the same uniform good results in our varied and trying climate. They do well in all sections of the country, and stand pre-eminently at the head of the list, succeeding in any sunny position in any kind of soil, but responding quickly to liberal treatment. For best results the beds should be spaded two feet deep and a liberal amount of well-decayed manure of any kind thoroughly incorporated, and at all times supplying water freely. For best effect plant in large masses of one color, setting out the plants 2 feet apart. To find the number of plants required for any bed from 3 to 20 feet in diameter see table on page 133.

All have green foliage unless otherwise specified.

## VARIETIES OF RECENT INTRODUCTION.

**Dr. Budingen.** One of the most brilliant scarlets, both the individual flowers and the trusses being of large size; bronze foliage; 4 feet. 20 cts. each; $2.00 per doz.; $15.00 per 100.

**Feuermeer.** A brilliant fiery scarlet, of medium size; but exceptionally free-flowering, and one of the most effective for massing; 4 feet. 20 cts. each; $2.00 per doz.; $15.00 per 100.

**Gladioflora.** Remarkable on account of the unusual shape of its flowers, which look like a large Gladiolus; color crimson, changing to carmine-rose, with an irregular edge of gold; 3½ feet. 50 cts. each.

**Mephisto.** One of the darkest crimson varieties yet introduced. The flowers, which are of large size, are held well above the bright green foliage; 3½ feet. 20 cts. each; $2.00 per doz.; $15.00 per 100

**Minnehaha.** Of most distinct and novel coloring, being a pale flesh overlaid with soft rose and cream tints, reminding one of transparent sea shells. 50 cts. each.

**New York.** A bronze-leaved, Orchid-flowered variety, with very intense brilliant carmine flowers of great beauty. A strong grower; 6 to 7 feet high. 35 cts. each; $3.50 per doz.

**Rosea Gigantea.** Extra large flowers, borne in such abundance that the mass of color on each plant is truly amazing; individual petals are 2½ inches across; a deep, rich rose, almost a coral carmine; 4 to 5 feet. 35 cts. each; $3.50 per doz.

**William Saunders.** A gorgeous bronze-leaved variety; flowers of a bright crimson-scarlet, often measuring 5 inches across, of remarkable substance and durability. The plant is of a uniform habit of growth, about 4 feet high. 35 cts. each; $3.50 per doz.

One each of the above 8 new sorts for $2.50.

## GRAND DARK-LEAVED CANNA "BLACK BEAUTY."

In dark-leaved Cannas no variety attracts so much attention and is so effective as "Black Beauty;" and while its flowers are small, the massive foliage of the plant is of such an intense rich color as to at once place it at the head of the list of ornamental bedding plants, where foliage or sub-tropical effect is wanted. The plant grows 5 to 6 feet high, with foliage of the richest glistening bronzy-purple, shaded black, and having crimped, wavy margins. 20 cts. each; $2.00 per doz.; $12.00 per 100.

## ITALIAN OR ORCHID-FLOWERED CANNAS.

Of the many orchid-flowered Cannas introduced, those offered below are the most distinct and desirable. The habit of growth of all is remarkably vigorous, attaining a height of 6 to 8 feet, while their flowers frequently measure over 6 inches across.

**Allemania.** Pleasing dark salmon with golden markings.

**Italia.** Bright orange-scarlet, with broad golden-yellow border; the flowers are produced on massive stems, set well above the foliage, which is large and heavy.

**King Humbert.** In this grand Canna we have a combination of the highest type of flowers with the finest bronze foliage. Its flowers measure 6 inches in diameter, produced in gigantic trusses, a brilliant orange-scarlet with bright red markings; foliage broad and massive, of a rich coppery-bronze; 5 feet.

**Austria.** Pure canary-yellow; fine large open flowers, with few reddish dots in the centre of the two inside petals.

**Louisiana.** A strong, vigorous-growing variety, attaining a height of 7 feet, producing a dense mass of glossy green foliage and vivid scarlet flowers.

**Pennsylvania.** One of the best; remarkably free, of an intense vermilion-scarlet, overlaid with an orange sheen; foliage rich green.

**Wyoming.** Bronzy-purple foliage, with immense spikes of massive orange flowers.

**Price,** 15 cts. each; $1.25 per doz.; $8.00 per 100. Set of 7 varieties, $1.00.

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**We offer a splendid list of New and Rare Garden and Greenhouse Plants this season. See pages 128 to 132.**

# DREER'S Collection of Standard LARGE=FLOWERING CANNAS.

There are too many good Cannas nowadays to offer anything but first-class varieties. The sorts offered below are all strictly high-grade. For cultural notes see head of preceding page.

All have green foliage, unless otherwise specified.

**Adrien Lefebvre.** Rosy-carmine flowers with red markings; 3½ feet.

**Alphonse Bouvier.** Finest tall, brilliant crimson; 6 to 7 feet.

**Alsace.** Pale sulphur, changing to creamy-white; planted in conjunction with the high-colored sorts it makes a fine contrast; 4½ feet.

**Black Warrior.** Dark crimson, shaded black; 3½ feet.

**Buttercup.** Deep buttercup-yellow; almost pure; very effective; 3 feet.

**Cinnabar.** Cinnabar-red, edged golden-yellow; 4½ feet.

**Consul W. Vellnagel.** Lemon-yellow, spotted with reddish-brown; 4 feet.

**Dr. Robert Funcke.** Large flowers in heavy, dense spikes, in color the same shade as Scarlet Sage; very bright; 4½ feet.

**Duke of Marlborough.** One of the finest of the very deep crimsons; fine individual blooms in large trusses, and exceptionally free-flowering and attractive; 4 feet.

**Egandale.** A favorite bronze-leaved sort, with soft currant-red flowers; 4 feet.

**Florence Vaughan.** Bright, rich golden-yellow, spotted with red; of large size and perfect form; 4 feet.

**Furst Bismarck.** Rich scarlet-crimson, of large size; 3½ feet.

**General Merkel.** Scarlet suffused with orange, base and edge of flower marbled with golden-yellow; 4 feet.

**Grand Chancellor Bulow.** Rich deep crimson-scarlet overlaid with maroon, very large spikes of good-sized flowers of good substance thrown well above the foliage; 3 feet.

**Harry Laing.** Exceedingly large, well-rounded flowers of rich, glowing scarlet, suffused with orange; 5 feet.

**Hofgartner Hoppe.** Light bronze foliage, flowers orange-scarlet at base, merging into carmine at tips of petals; 4½ feet.

**Hugues Lapaire.** Large flowers of nasturtium-orange, shaded dark reddish-carmine; 3½ feet.

**J. D. Eisele.** Bright vermilion-scarlet, overlaid with orange; a fine bedder; 3½ feet.

**J. H. Veitch.** Rich carmine-scarlet, very large, bronze foliage; 5 feet.

**Jean Tissot.** One of the brightest; color an intense, brilliant vermilion, with bright orange shadings, a color that can be seen as far as the eye will carry; massive foliage; 5 feet.

**Luray.** A pleasing deep rosy-pink; 4½ feet.

**Miss Berthine Brunner.** Large, open panicles of pure yellow flowers, minutely spotted with orange-scarlet; 4½ feet.

**Mrs. Geo. A. Strohlein.** Very large amaranth-red flowers, massive bronze foliage; 5 feet.

**Mlle. Berat.** The nearest approach to a pink in a first-class bedder; 4 feet.

**Mme. Crozy.** The popular golden-edged bright scarlet; 4 feet.

Canna, Consul W. Vellnagel.

**Mme. Jean Beurier.** Salmon-rose dashed and mottled with vermilion; small yellow edge; 4 feet.

**Mont. Blanc.** Very large, creamy-white flowers; 3½ feet.

**Papa Nardy.** Very large, rich currant-red, with a purplish sheen; 4½ feet.

**Pres. Meyer.** A glorious Canna with large flowers in immense trusses; color rich cherry-carmine, producing a gorgeous effect; bronzy foliage; 4 feet.

**Professor Hugo de Vries.** A soft and delicate shade of rosy-carmine; 3 feet.

**Professor Rodenwaldt.** Large and effective deep crimson-scarlet, of compact habit; 3 feet.

**Richard Wallace.** As a good free-flowering yellow Canna of vigorous growth, we believe that this variety comes nearer to the ideal than any variety yet offered. In color it is a pleasing canary-yellow with exceptionally large flowers, which are carried well above the foliage; 4½ feet.

**Rubin.** The ruby-carmine flowers of this are not large, but are produced in profusion and are intensely rich and glowing, which, combined with the dark, bronzy-green foliage, make it one of the best bedding varieties in our collection.

**Secretaire Chabanne.** Distinct and pleasing salmon; very free; a fine bedder; 3 feet.

**Souvenir d'Antoine Crozy.** Intense crimson-scarlet, with a broad golden-yellow border; an exceptionally free-flowering variety, and the brightest of the gilt-edged sorts; 3½ feet.

**Venus.** One of the softest and most delicately colored varieties that has yet been introduced. The flowers are of fair size, of a soft rosy-pink, with a pretty mottled border of creamy-yellow. The plant always presents a clean, fresh appearance; 3½ feet.

**Price:** Any of the above, 15 cts. each; $1.25 per doz.; $8.00 per 100. Set of 36 varieties, $3.00.

**As a border for a bed of Cannas nothing equals Pennisetum Rueppelianum. See illustration on page 219 and offer on page 171.**

## CALADIUM ESCULENTUM (Elephant's Ear).

One of the most effective plants in cultivation for beds, borders or for planting out upon the lawn. To obtain the best results it should be planted where it will obtain plenty of water and an abundance of rich compost. When full size it stands 6 to 10 feet high, and bears immense light green leaves, 3 to 4 feet long by 2½ feet wide.

| | | | |
|---|---|---|---|
| **Mammoth bulbs,** | 25 cts. each; | $2.50 per doz.; | $15.00 per 100. |
| **Large** “ | 15 cts. each; | $1.50 per doz.; | $10.00 per 100. |
| **First size** “ | 10 cts. each; | $1.00 per doz.; | $7 50 per 100. |
| **Second size** “ | 7 cts. each; | 75 cts. per doz.; | $5.00 per 100. |

*If wanted by mail, add* 5 *cts.*, 8 *cts.*, 10 *cts. and* 15 *cts. each, according to size, for postage.*

Caladium Esculentum (Elephant's Ear).

## CALLAS (Richardia).

The varieties offered below succeed best when treated in the same manner as Gladiolus, Tuberoses and other summer-flowering bulbs. They should be planted in the open border in a dormant condition when danger from frost is over in spring, and will then flower during the summer months. When the tops are killed by frost in the autumn dig and store through the winter as you would potatoes.

**Golden Yellow** (*Richardia Elliottiana*). This is the best of the Yellow Callas, its flowers being as large as the popular white variety, but of a rich, lustrous golden-yellow of velvety texture; the foliage is dark green, with translucent creamy-white spots, which add much to its beauty. Strong bulbs, 25 cts. each; $2.50 per doz.

**Spotted Leaf** (*Richardia alba maculata*). Leaves deep green, with numerous white spots, which give the plant a very ornamental appearance. The flowers are white, with a black centre. 10 cts. each; $1.00 per doz

Calla Elliottiana.

## CAMELLIA JAPONICA.

A choice assortment of 12 varieties.

Fine bushy plants, 15 inches high, $1.00 each; $10.00 per doz.

Stronger plants, 18 to 20 inches high, bushy, $1.50 each; $15.00 per doz.

## SELECT CARNATIONS.

The Carnations which we furnish in spring are thrifty young plants from pots, and should be handled as follows:

The young plants can be grown in a cool greenhouse, hotbed or cold frame where the temperature can be maintained at 50 degrees at night, with plenty of fresh air during the day. The little plants should be shifted along as required, and never allowed to get pot-bound.

As soon as all danger from hard frost is over, plant in the garden 12 inches each way, and keep well cultivated until they begin to bloom, when a light mulch of strawy manure will be beneficial to retain moisture in the soil. and help nourish the plants.

Plants so treated should begin to flower in July and continue to produce an abundance of flowers until killed by frost. For winter-flowering the same cultural notes apply, with the exception that the flower shoots should be kept pinched back until about the middle of August, when they should be planted on benches in the greenhouse for the season's crop of flowers.

Any good fresh soil, moderately enriched, will grow them. Plant 9 to 12 inches apart, according to the size of the plants. The same night temperature that is required for the little plants before planting out will make good flowers, with 15 to 20 degrees higher and plenty of fresh air during bright days; water only sufficiently to keep plants from wilting.

**Apple Blossom.** Pure white with blush centre.
**Boston Market.** Very free-flowering, large white.
**Dorothy Gordon.** A splendid deep pink.
**Enchantress.** Exquisite, delicate pink of large size.
**Harlowarden.** Brilliant rich crimson.
**J. Whitcomb Riley.** Rich golden-yellow.
**May Day.** A good soft pink.
**Mrs. M. A. Patton.** White, beautifully variegated with pink.
**O. P. Bassett.** Finest of scarlets; rich and glowing.
**Splendor.** A large, beautiful pink.
**Victory.** Bright, sparkling scarlet
**White Perfection.** The best and most popular pure white

10 cts. each; $1.00 per doz ; $6.00 per 100. Set of 12 for $1.00.

After September 1st we can only supply large field-grown plants prepared for winter flowering. 25 cts. each; $2.50 per doz.; $15.00 per 100.

Select Carnation.

FANCY-LEAVED CALADIUMS are a specialty with us. See lists on pages 129 and 139.

Clematis Indivisa.

## CAREX.

**Japonica Variegata.** An ornamental Japanese grass, which is extremely useful as a house-plant, of easy growth, standing the dry atmosphere of heated rooms with impunity, and at the same time hardy if planted in the garden in summer. 15 cts. each; $1.50 per doz.

## CESTRUM PARQUI.

(Night-blooming Jessamine.)

An interesting tender shrub of easy cultivation, with small greenish-white flowers of delightful fragrance, which is dispensed during the night only. 15 cts. each; $1.50 per doz.

Clivia.

## CISSUS.

**Discolor.** A beautiful climber for the conservatory, with mottled and marbled crimson and green foliage. 25 cts each; $2.50 per doz.

## CLEMATIS.

**Indivisa.** A species that is rarely met with, and which is worthy of extended cultivation. Not being hardy, it requires the protection of a cool greenhouse, and may be said to be one of the most valuable of all greenhouse climbers. Its pure white flowers are from 1½ to 2 inches in diameter, and produced in panicles frequently 2 feet long. A well-established plant during the early spring months is simply a mass of bloom; the flowers can be used to good advantage in a cut state. The plant is evergreen and at all times attractive. 75 cts. each.

## CLERODENDRONS.

**Balfouri.** A beautiful greenhouse climber, and admirably suited for house culture, flowering most profusely with bright scarlet flowers, enveloped in a creamy-white calyx. 15 cts. each. Extra large plants, 25 cts. each.

**Falax.** A beautiful variety, with very bright scarlet flowers, produced during August and September in many-flowered terminal panicles; it is of shrub-like habit and a grand plant for the conservatory. 25 cts. each; $2.50 per doz.

## CLIVIA MINIATA (Imantophyllum).

A pretty lily-like plant of the easiest culture, and a most desirable house plant; it flowers during the spring and summer months, remaining in bloom for a long period. The flowers are about 2 inches long, and are borne in dense clusters of from ten to twenty flowers each; in color it is of a fine orange-red shading to buff. Large, strong plants, 50 cts. each.

## COBÆA SCANDENS (Cups and Saucers Vine).

A beautiful climber, of rapid growth, large purple cup-and-saucer-shaped flowers. For quickly covering arbors, trellises, etc., it is unsurpassed. Ready in May. 15 cts. each; $1.50 per doz.

## COLEUS (Flame Nettle).

The varieties offered below are the best of the standard sorts now in use for bedding, filling vases, etc., etc.

**Golden Beauty.** Crimson, with wavy yellow edge.
**Golden Bedder.** Fine yellow.
**Queen Victoria.** Crimson, golden edge.
**Rainbow.** Velvety maroon, margined gold.
**Verschaffelti.** The popular dark crimson.
**Fancy Varieties.** 12 distinct sorts.

10 cts. each; $1.00 per doz.; $6.00 per 100.

## COLOCASIA.

**Neo Guinensis.** Dark green shiny leaves, spotted with creamy-white. A good subject for the stove or warm conservatory. 50 cts. each.

## COSMOS.

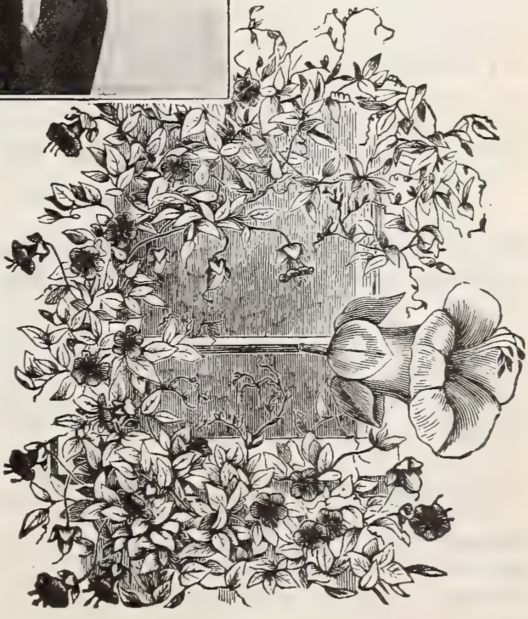
Indispensable autumn-blooming plants, producing their artistic blossoms in lavish profusion from September until hard frost. Plants ready May 1st.

**Mammoth Perfection, White, Pink and Crimson.**

**Gigantic-flowering, Lady Lenox.** Rich, deep pink.

50 cts. per doz.; $4.00 per 100.

**BOOKS** on Horticultural and Kindred subjects are offered on inside of back cover.



Cobæa Scandens.

**New and Rare Garden and Greenhouse Plants are offered on pages 128 to 132.**

Exhibition Chrysanthemum.

# CHRYSANTHEMUMS.

## Three Fine New EXHIBITION VARIETIES.

**Alice Lemon.** A splendid, soft, pleasing pink, and while of enormous size, it is very refined in effect, and takes on a fine finish; it has a good stem and fine foliage.

**R. F. Felton.** Deepest buttercup-yellow; the finest of its color to date; grand in every way. The flowers are large, centre incurved, the outer petals slightly reflexed.

**Wells' Late Pink.** An absolutely perfect shade of pink, of splendid form and a healthy, free grower.

35 cts. each; $3.50 per doz. Set of 3 sorts, $1.00.

## Standard Collection of Best Cut-flower and Exhibition Varieties.

Our list has been carefully revised. All of the varieties selected are such that have made their mark on the exhibition table. At the same time great care has been taken to confine the various varieties known to the trade as "easy doers;" that is, varieties which can be grown under ordinary conditions, eliminating those requiring special skill and facilities to bring to perfection.

**A. T. Stevens.** A fine dwarf golden-yellow.

**Andrew McKendry.** A warm cerise color with bronzey reverse.

**Beatrice May.** Splendid white, flushed pink.

**Ben Wells.** Flesh color; very large.

**Cheltoni.** Pure yellow of graceful form.

## CHRYSANTHEMUMS, STANDARD VARIETIES.

*(Continued.)*

**Col. D. Appleton.** A very large, bright, deep yellow, incurved, of fine form; one of the very best.

**Dorothy Goldsmith.** One of the largest yet introduced; of a yellow bronze color.

**F. S. Vallis.** The largest yellow grown.

**F. A. Cobold.** Handsome mauve pink of reflexing form.

**General Hutton.** Yellow, tinged red, of enormous size.

**Glory of the Pacific.** A good early pink.

**Ialene.** Light pink; an early dwarf variety.

**Ivory.** An old favorite very early white.

**Lady Hopetoun.** Heliotrope pink; largest of its color.

**Leila Filkins.** Reflexed soft pink; a fine flower.

**Lynwood Hall.** A beautiful pure white.

**M. Loiseau-Rousseau.** A splendid pink of enormous size.

**Mary Mason.** An immense flower, beautiful old rose and red.

**Marion Henderson.** Very early fine yellow.

**Miss Kathleen Stoop.** A fine late pure white.

**Mlle. Simon Jossier.** An extra large creamy-white.

**Mrs. Clay Frick.** The best midseason white.

**Mrs. A. T. Miller.** One of the purest whites in cultivation.

**Mrs. Girard Foster.** Creamy-white, petals incurved, forming a perfect finished flower.

**Mrs. Wm. Duckham.** One of the best golden-yellows.

**Mrs. D. V. West.** A magnificent white of immense size.

**Mrs. G. Heaume.** A very popular salmon bronze.

**Mrs. Henry Barnes.** Old rose, shading to terra-cotta.

**Mrs. Henry Robinson.** A fine, very early pure white.

**Morton F. Plant.** A fine large pink.

**Nellie Pockett.** A pure white of fine form and beauty.

**Polly Rose.** One of the most desirable early whites.

**Timothy Eaton.** The largest white, incurved, of perfect form.

**Wm. Duckham.** A pure pink of incurved form, perfect in every way.

**Winter Cheer.** An attractive deep pink of incurved form.

**Yellow Timothy Eaton.** Identical with the white variety, except in color, which is a fine yellow.

15 cts. each; $1.50 per dozen, $8.00 per 100.
One each of the entire collection of 36 varieties for $3.00.

Chrysanthemum in Pot.

**CHRYSANTHEMUM MANUAL**, the best book on their culture. Price, 40 cents, postpaid.

## EARLY-FLOWERING CHRYSANTHEMUMS.

An assortment of very early-flowering varieties selected from an English collection, which, during the season of 1907, we found in full bloom in a nursery in the vicinity of London as early as September 20th. We have, during the past two seasons, given them a careful trial in our own grounds, and while but few of them in our climate showed fully developed flowers before the end of September, all of them perfected their blooms during the month of October, giving a wealth of bloom after Dahlias and other tender plants were cut by frost.

**Beacon.** Rich plum violet.
**Bride of Keston.** Deep violet carmine with silvery reflex.
**Elstob Yellow.** Rich chrome-yellow; a fine flower.
**Fee Japonaise.** White, with creamy centre, long twisted petals; a pretty flower.
**Goacher's Crimson.** Large sized, deep crimson-red, with golden-bronze reflex.
**Hilda Blick.** Magenta, suffused with white, creamy-yellow centre.
**La Parisienne.** A fine large white.
**Minnie Blick.** Cadimum-yellow with bronzy shadings.
**Perle Chatillonaise.** Sulphury-white with deeper centre.
**Perle Rose.** A small but perfectly formed flower of a Hydrangea-pink color.
**Ralph Curtis.** Very early, amber white.
**Robert Burns.** Amber yellow, suffused with rosy salmon.
**R. Pemberton.** Deep carmine violet with silvery reflex.
**Tapis de Neige.** Very early, pure snowy-white.
**Vivian Prince.** Graceful flower of a bright chrome-yellow.

15 cts. each; $1.50 per doz. The set of 15 for $1.75.

## Ostrich Plume Chrysanthemums.

The three varieties offered below are the best and most distinct of the Ostrich Plume or hairy sorts.

**Louis Boehmer.** An exquisite shade of silvery-pink, with deep rose on the inside of the petals.
**L'Enfant des Deux Mondes.** Pure white, of large size and fine build; very heavily plumed.
**Monarch of Ostrich Plumes.** Bright chrome-yellow, shaded with amber; flowers very large and full, finely incurved.

15 cts. each; $1.50 per doz. Set of 3 sorts, 40 cts.

Early-flowering Chrysanthemums.

Single-flowering Chrysanthemums.

## NEW SINGLE-FLOWERING CHRYSANTHEMUMS.

These have been extensively exhibited the past few seasons, and have found many admirers. They are easily grown and useful alike as decorative subjects in pots, or as cut-flowers.

**Belle of Weybridge.** Chestnut terra-cotta, a fine color.
**Earlswood Beauty.** Primrose-yellow, with large bold eye.
**Grace Lambert.** A beautiful deep pink flower.
**Gretchen.** Pure white with green eye, a pretty effect.
**Gladys Hemsley.** A fine large pink of dwarf habit.
**Harold Bishop.** Very free and effective white.
**Harold Shaw.** White, tips of petals tinged with pink.
**Irene Cragg.** A large pure white.
**J. T. Angus.** Rose cerise, one of the latest to bloom.
**Katie Covell.** Rich reddish-violet.
**Lily Beer.** Yellow, on long, graceful sprays.
**Linton.** Creamy-blush, large, striking flower.
**Mary Richardson.** Redish-salmon; distinct and pretty.
**Mrs. E. Roberts.** Very large blush.
**Mrs. E. Partridge.** Large sprays of light pink flowers.
**Mrs. A. Holden.** Light yellow, of splendid shape.
**Reine des Roses.** A splendid pink variety.
**Rob Roy.** White ground, suffused with blush.

15 cts. each; $1.50 per doz. One each of the 18 for $2.25.

## CHRYSANTHEMUM FRUTESCENS.

**(Paris Daisy, or Marguerite.)**

This type is used extensively as cut flowers during the winter, and is especially valuable as a decorative pot plant at Easter.

**Etoile d'Or.** Large, single light-yellow flowers.

**Queen Alexandra.** This variety has pure white flowers from 2½ to 3 inches in diameter, the greater percentage coming full double. The remainder of the flowers on the same plant come semi-double and single, all of which are very handsome.

**Blush Queen Alexandra.** A splendid blush pink form of the above.

10 cts. each; $1.00 per doz.

**Mrs. F. Sander.** A grand new double white variety, offered this season for the first time. Illustrated and described on page 131. 35 cts. each; $3.50 per doz.

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**HARDY POMPON CHRYSANTHEMUMS are offered on page 211.**

CROTON.

### COSTUS.

**Zebrinus.** A pretty, warm greenhouse plant, with large dark green foliage and darker stripes. 50 cts. each.

### CROTONS.

Nothing can excel the beauty and richness of coloring that is found in this class of plants. They are beautiful as pot plants for the conservatory, making handsome specimens for decorative and exhibition purposes, and are now used extensively as bedding plants, for which purpose they are exceptionally well adapted. They should be planted in full sun in a position where they can be liberally supplied with water, which develops the most wonderful colorings in the foliage. Our collection embraces 25 of the handsomest variegated varieties. Nice plants, 30 cts. each; $3.00 per doz. Larger plants, 50 cts. each; $5.00 per doz.

CURMERIA WALLISII.

### CUPHEA.

**Llavæ** (*The Giant Tri-colored Cuphea*). Flowers tubular in shape, about 2 inches long, and combine three distinct colors in each flower—scarlet, white and blue. In bloom continually. 10 cts. each; $1.00 per doz.

**Platycentra** (*Cigar Plant*). This is the old-fashioned and well-known variety, with narrow tubular scarlet flowers, tipped with purple; always in bloom. 10 cts. each; $1.00 per doz

### CURMERIA.

**Wallisii.** A handsome ornamental plant, which is deserving of wide popularity as a decorative plant for the warm conservatory or as a pot plant for the window-garden. Its leaves, which are about 5 inches long by 2 to 2½ inches wide, are of a rich deep green, irregularly blotched with pale yellowish-green. (See cut.) 50 cts. each.

### CYANOPHYLLUM.

**Magnificum.** One of the most striking plants for the warm conservatory, with large, bold, broad foliage, two feet or more in length, the centre being arched, the edges wavy, and of a lustrous deep green on the upper surface and a reddish bronze underneath, the prominent veins white or light green. $1.00 each.

### CYCAS REVOLUTA (Sago Palm).

Valuable decorative plants for both house and lawn decoration; their heavy, glossy, deep green fronds resist alike the gas, dust and cold to which decorative plants are frequently exposed. We can at all times supply dormant stems, weighing from 2 to 50 lbs. each, at the rate of 15 cts. per lb., and established growing plants in the following sizes:

| Height of Stems. | Number of Leaves. | Length of Leaves. | Each. |
|---|---|---|---|
| 4 to 6 in. | 7 to 8 | 15 to 18 in. | $ 75 |
| 4 to 6 in. | 8 to 10 | 18 to 20 in. | 1 50 |
| 6 to 8 in. | 10 to 12 | 18 to 20 in. | 2 00 |
| 8 to 10 in. | 12 to 15 | 20 to 24 in. | 5 00 |

### CYPERUS (Umbrella Plant).

**Alternifolius.** An excellent plant for the house. Will thrive in any good soil, and always presents a green and attractive appearance. It may be grown as a sub-aquatic, and in any case should never lack a liberal supply of water. 15 cts. and 25 cts. each; $1.50 and $2.50 per doz.

**THE WORLD'S BEST ROSES.**

We have a most complete stock of these in strong two-year-old plants that will give immediate results. We do not handle the small plants, such as are usually sent out by mail. See pages 175 to 193.

CYPERUS ALTERNIFOLIUS.

Books on Horticultural subjects are offered on inside of back cover.

# DREER'S SELECT DAHLIAS.

Dahlias are one of our leading specialties, and practically all the varieties which we offer have been grown at our Locust Farm Nursery, near Riverton, N. J. Extraordinary precautions have been taken to prevent mixtures, and customers may rely on getting what they order **absolutely true to name.**

We spare neither time nor expense in testing the new varieties of both home and foreign production, and the lists of the various types given in this catalogue are strictly up-to-date.

"DREER'S WHITE"
Show Dahlia

## A Few Cultural Notes.

One of the most important points in the cultivation of the Dahlia is to select a well-drained position where they will receive the full benefit of the sun during the greater part of the day.

As to soil, they are not at all particular, excepting that in the case of a stiff clay some loose material should be added, such as coarse sand, old mortar, or anything which will make the soil loose and friable. The soil must be deeply dug, if possible to a depth of two spades, and a liberal amount of suitable plant food incorporated. For this nothing is more satisfactory than well-decayed stable manure; but where this cannot be conveniently procured pure bonemeal, sheep manure, or any chemical fertilizer rich in ammonia and phosphoric acid will answer as a substitute.

The planting of dormant roots in the latitude of Philadelphia may be done at any time between April 25th and June 15th, the earlier planting being preferable. Green or growing plants must not be set out until all danger of frost is over, say May 10th or 15th. Do not crowd your plants, but plant at a distance of not less than 2½ or 3 feet, and, as soon as the shoots appear, remove all but two or three of the strongest, and these, when about a foot high, should be secured to stout stakes.

Excepting where noted, we supply all Dahlias in dormant roots, but as the season advances and our supply of certain varieties becomes exhausted in this shape, green, growing plants are supplied instead. These will give equally as good results as dormant roots (many experienced planters will only plant green plants), and by the time they are cut by frost they will have produced strong roots, which can be carried over winter in the usual way.

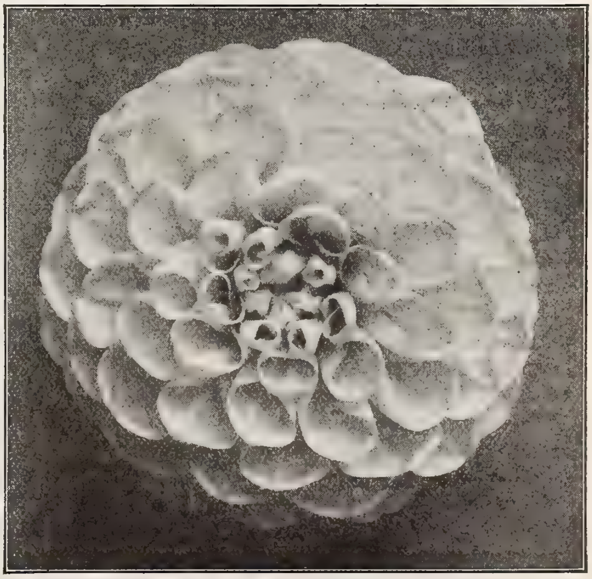
## Two Superb Show Dahlias Introduced by Us.

### "DREER'S WHITE."

Introduced by us in 1909, and unquestionably the most valuable Dahlia sent out in many years. In color a pure glistening white, and resembling in form the popular Grand Duke Alexis, while in freedom of flowering it is not surpassed by any. It has succeeded in all parts of the country, has been much admired at the exhibitions where shown, and has also met with much favor as a cut flower. 25 cts. each; $2.50 per doz.

### "SUSAN."

We introduced this grand variety last spring, and predict a great future for it, both for garden decoration as well as for cut flower purposes; its color, a delicate shell-pink, as well as its remarkable free-flowering qualities, is not approached by any other Dahlia of this type, and is sure to make it a welcome addition. Strong plants, ready April 15th, 25 cts. each; $2.50 per doz.; $18.00 per 100.



New Show Dahlia "Susan."

**General List of Double Show Dahlias will be found on page 153.**

# New German Giant Cactus Dahlias.

New German Giant Cactus Dahlia Rheinkönig.

**Nerthus.** Flowers fully 6 inches in diameter, of splendid form, borne on stout, stiff stems, held well above the foliage. The centre of the flower is a rich, glowing bronzy orange-yellow, passing to a carmine-rose at the tips, the whole suffused with a glowing golden color, which gives it an iridescense which it is not possible to describe. A splendid acquisition both as a garden variety as well as for cutting.

**Rheinkönig.** In this we believe we are offering the ideal white Cactus Dahlia which has been a desiderata for a long time. In habit of growth it is robust, similar to the varieties Lawine and Flora; in color a pure snow-white, with flowers 5 to 6 inches in diameter. These are of great substance, lasting splendidly when cut; they are borne on long, stiff stems held well above the foliage, making it as valuable for garden decoration as for cutting. Our own representative had the opportunity of comparing this variety with many other sorts which were planted for comparison at the trials which during the past summer were made at the Palmen Garten at Frankfurt, Germany, where it showed up in such superior form over all others that we at once secured all available stock. We offer it, believing it to be the most desirable acquisition in Dahlias offered in many years. Strong plants, ready April 15th, $1.00 each.

**Vater Rhein.** Flowers frequently 7 inches in diameter, raised well above the foliage on stout stems; the petals are broad, curled and twisted, forming an ideal flower, the color of which is yellow suffused with salmon-rose; a beautiful, attractive and imposing flower.

**Wodan.** This is the strongest-growing variety in the collection, the plant being exceptionally robust and growing fully 6 feet high, with large, bold flowers, frequently over 7 inches in diameter; but with this large size there is no coarseness, the flower being a graceful arrangement of semi-incurved tubular petals of a most pleasing, delicate salmon-rose color shading to old-gold in the centre.

**Wolfgang von Goethe.** A splendid large, free-flowering variety, with gracefully arranged, perfect flowers of a rich apricot with carmine shadings; a splendid cut flower.

Strong plants, ready April 15th, of any of the five varieties, except where noted, at 50 cts. each; the set of five for $2.50.

## SELECT STANDARD CACTUS DAHLIAS.

**Clara G. Stredwick.** Shrimp-pink, shading to salmon-red.

**Dreadnought.** Very large, deep ox-blood red.

**Edelweiss.** Dwarf; very free-flowering, white.

**Effective.** Chamois-rose with yellow shadings.

**Exquisite.** Fine pure orange-scarlet with salmon shadings.

**Flamingo.** Brilliant vermilion, long, pointed petals.

**Gen. French.** A good-sized flower, terra-cotta.

**Harzer Kind.** A charming dwarf bedding variety, covered throughout the season with pretty mauve-pink flowers.

**Helene.** A dwarf, free-flowering bedding variety, centre of flower creamy-white, passing to a pleasing mauve-rose at the edges.

**Herziloide.** Delicate rosy-chamois suffused with yellow at the base; a soft, pleasing color.

**Ivanhoe.** Of perfect, dwarf habit; flowers large, with long, narrow petals of a bright straw-color.

**Keyne's White.** A fine white of perfect shape.

**Leuchtfeuer.** A brilliant variety of a bright blood-red with deeper shadings; the flowers are of fine form.

**Libelle.** A very free variety, with large flowers of good form; of a distinct purple color, rich and pleasing.

**Loogalu.** A broad-petalled, very full, double flower, orange-scarlet with carmine shadings.

**Mars.** A brilliant scarlet, intensified with orange at the base of the petals.

**Mrs. Clinton.** Ground color deep amber, gradually shading to a rosy-scarlet, with a glow and finish impossible to describe.

**Ortwin.** A compact bedding variety, producing handsome flowers of a distinct salmon-flesh color with rosy hue.

**Pink Pearl.** Mallow-pink at the base of the petals, shading off gradually to white at the tips.

**Reliable.** A very large, bold, striking flower, of a pleasing madder-carmine, suffused with salmon and yellow.

**S. M. Mossaffer Eddin.** A distinct and pretty flower of a rich aniline-red, petals long and peculiarly twisted.

**Thomas Parkin.** A magnificent flower of the most refined type; color a beautiful mars-orange.

**Thuringia.** Flowers very large, and always of good form; of a brilliant fiery-red color. A remarkably free bloomer.

**Uncle Tom.** Maroon with darker shadings, almost black.

**Volker.** A charming free-flowering pure yellow.

**Price,** 15 cts. each; $1.50 per doz.; $10.00 per 100. Set of 25 varieties for $3.00.

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**"THE DREER COLLECTION" of Cactus Dahlias offered on page 151 is sure to do well.**

# Superb New Cactus Dahlias for 1911.

The varieties offered under this head have been selected from a collection of new varieties which have been under careful trial in our own grounds the past season. They are the best of the recent introductions of the most noted Dahlia specialists, and we believe every one to be a valuable addition to the long list of Cactus Dahlias.

**Armentine Desleins.** Of perfect form, full double, with the ends of the petals cleft, color creamy-yellow, suffused with bright violet-rose, distinct and pleasing.

**Amber Queen.** A bold, large flower of a rich amber, suffused with scarlet; very attractive and free-flowering.

**Aristed Gurtler.** A splendid flower, composed of long, narrow petals, of fine form, color mars-orange, suffused with scarlet, deepening towards the centre.

**Belladonna.** Petals long and narrow, forming a flower of fine shape, ground color deep salmon-red, suffused with pure scarlet, deepening to blood-red at the tips of the petals; rich, brilliant and pleasing.

**C. E. Wilkins.** Large flower, composed of long, narrow petals, ground color pale sulphur-yellow, gradually passing to a tender salmon-pink; a splendid bloom.

**Countess of Kenmare.** Of large, ideal cactus form and of superb coloring, a very rich amber, suffused and shaded salmon, and tinted cream on the tips of the petals.

**Dorothy.** A most delicate shade of mauve-rose, which is effectively brightened by showing the tiny white tips of the reverse of the petals; the flowers are large and of splendid form. One of the best pink Cactus varieties.

**Etruria.** A splendidly formed large flower, with very long, graceful petals, which are of reddish salmon, brightening at the centre; very distinct and desirable.

New Cactus Dahlia, Armentine Desleins.

**Foxhunter.** Very bright scarlet, with flowers of excellent form and large size, composed of long, narrow petals.

**Favorita.** Exceptionally free-flowering, with medium-sized but perfect blooms held well above the foliage, color a fresh violet-rose intensified by the yellow base of the petals.

**Goldland.** A splendid primrose-yellow, of perfect form and very free-flowering.

**Gondola.** A clear rosy-pink, with very large gracefully arranged flowers, with long, narrow, peculiarly twisted petals.

**Helene Steinbach.** A delicate shade of rosy-heliotrope, distinct, novel and pleasing.

New Cactus Dahlia, Mauve Queen.

**Harmony.** A splendid novelty, with full but gracefully formed flowers of a salmony-red color, with lighter tips and chamois-yellow centre.

**Mauve Queen.** A distinct and beautiful variety, formed of long, tubular, incurved petals of a pleasing shade of clear mauve, shading lighter towards the centre.

**Mrs. Emberson.** A distinct fancy variety, with immense blooms made up of incurved, long, twisted petals of a light lemon color, splashed and speckled with rosy-pink.

**Mrs. T. J. Woodall.** Pure primrose, passing to carmine-pink at the points of the petals. These are long and narrow, gracefully curved, and the charming combination of colors forms a flower of great beauty.

**Queenie.** A perfectly formed flower, with long, narrow petals of a delicate rosy-salmon, the reverse of the petals a deep salmon, forming a rich color combination.

**Rev. Arthur T. Bridge.** The colorings in this variety are extremely handsome, being a bright, clear yellow, heavily tipped and suffused with bright, yet deep, rose-pink; good, erect habit; produces grand flowers.

**Rosa Starr.** A large, perfect flower of long, tubular, incurving petals, color a light crimson-carmine.

**Ruby Grinsted.** A most delicately colored variety. The centre is a soft, tinted yellow, which is gradually suffused until it becomes a rich shade of rosy-fawn.

**Snowstorm.** A large, bold, white flower, of fine form, moderately incurved; the plants are sturdy but dwarf, and commence flowering very early in the season, and produce large flowers with the utmost prodigality.

**T. G. Baker.** Very large, fine yellow flowers on stiff, wiry stems, of dwarf, vigorous habit and very free.

**Tressie.** A brilliant, rich flower, of deep scarlet, without shadings, of perfect cactus form. One of the finest of the high-colored sorts.

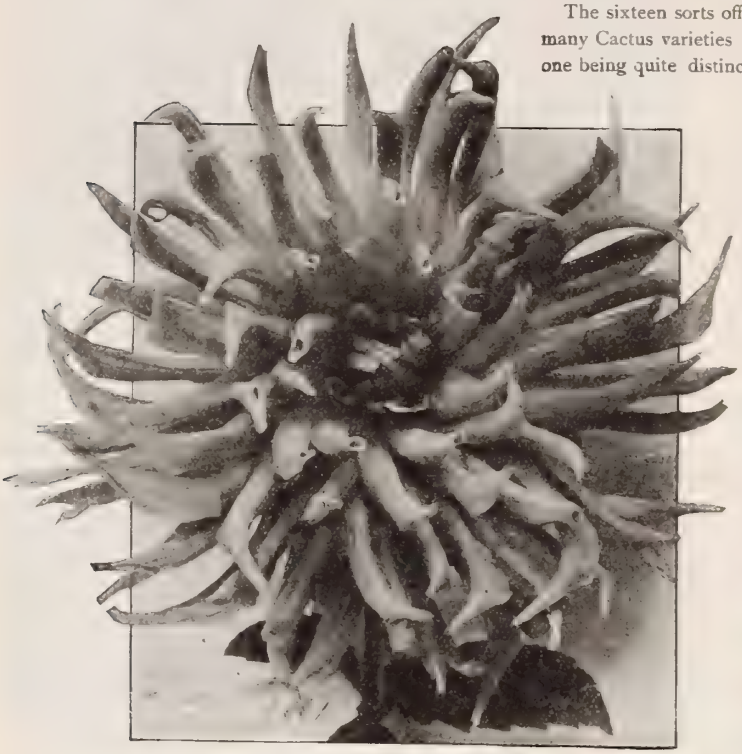
**Triumphator.** A large flower of splendid form, borne on stout, stiff stems, of a most delicate yellow color shading to cream color; splendid as a cut flower.

Any of the above new varieties in strong growing plants, ready April 15th, 50 cts. each; $5.00 per doz. One each of the 25 varieties, a grand collection, for $10.00.

**Every Dahlia which we offer has been tested out in our own trial grounds.**

# The Cream of the Cactus Dahlias.

## Introduced in 1909 and 1910.



Cactus Dahlia, Sequoia.

The sixteen sorts offered under this head we consider the best of the many Cactus varieties introduced in 1909 and 1910, each and every one being quite distinct and likely to remain in the list of high-grade Cactus Dahlias for some time to come.

**Amazone.** A glorious, rich, glowing amaranth-red, suffused with purple.

**Elly Gumpert.** A splendid variety for cutting, very free, flowers produced on long stems, of a most pleasing shade of mauve-pink.

**Faunus.** Ground color straw-yellow, shading to rosy-scarlet; petals long and narrow, flowers large, early and free.

**Flame.** A brilliant orange-scarlet, of good Cactus form.

**Forelle.** Not a large flower, but ideal in color, form and freedom of blooming. The base of the petals is lemon-yellow, gradually shading to luminous crimson-carmine at the tips.

**Goliath.** A very distinct variety, of large size, ground color yellow, suffused and tinted with reddish-salmon.

**Lawine.** Pure white, with just a suggestion of blush as the flower ages; a fine full, double flower, five inches in diameter and borne on strong stems.

**Mme. Camille Pabst.** A very distinct shade of deep amber-yellow, suffused with salmon-rose, flowers of good shape.

**Mrs. George Stevenson.** A bright, sparkling yellow, with large, perfectly formed flowers on long stems.

**Mrs. J. Harrison.** An intensely rich oriental-red, of large size and perfect form.

**Master Carl.** Of exceptional large size, of a bright saffron-yellow; the petals are broad, but of graceful form; one of the best

**Princess Ilse.** Medium sized flowers of elegant form, centre delicate rose, suffused with carmine, gradually passing to white on the edges.

**Parsifal.** A splendid creamy-white, borne on stiff stems well above the foliage. It is not only the freest, but also the earliest-flowering of the many white Cactus varieties.

**Sequoia.** A beautiful Dahlia, with long, tubular petals, which are cleft at the tips; flowers large and perfect, of a deep saffron-yellow, suffused with red.

**Vesuve.** A flower of fine form, medium size, of a rich geranium-lake, with deeper shadings.

**W. Hopkins.** Very large size, long twisted petals, producing a flower of good form; color ox-blood red, frequently showing the reverse of the twisted petals, which are of a light rose, and which intensifies and brightens the color in the body of the flower.

**Price.** Any of the above, 35 cts. each; $3.50 per doz.; $25.00 per 100. The set of 16 superb Introductions of 1909 and 1910 for $4.50.

### FANCY CACTUS DAHLIAS.

A distinct type, in which the flowers are beautifully striped and variegated.

**Alpha.** Creamy-white, with pencilings, spots and stripes of reddish-purple.

**Comet.** Delicate lilac, pencilled, spotted and striped with tyrian rose.

**Fireworks.** Ground color golden-yellow, striped and spotted with oriental-red.

Plants ready April 15th, 30 cts. each; $3.00 per doz. One each of the 3 sorts for 75 cts.

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### DAHLIAS TRUE TO NAME.

Practically all of the Dahlias which we offer this season have been grown at our Locust Farm Nurseries, near Riverton, N. J., under our personal supervision. Every precaution was taken to prevent errors, and our customers may depend upon receiving stock **absolutely true to name.**

Fancy Cactus Dahlias.

## "THE DREER COLLECTION" OF

# CACTUS DAHLIAS OF SPECIAL MERIT.

This is a selection of twenty-five varieties made with a view of supplying the amateur with an assortment of Cactus sorts, which in our own experience we have found to be the freest-flowering under the most varied conditions of soil and climate, and which can be depended upon to make an early and continuous display in the garden, and at the same time furnish an abundance of choice flowers for cutting. The varieties are all introductions previous to 1910, and have been under observation ample time to establish their superior qualities.

**Aegir.** Rich, warm cardinal-red, peculiarly twisted petals.

**Amos Perry.** Flowers large, with long petals. Color fiery-red; one of the earliest and freest-flowering.

**Berlichingen.** Deep crimson carmine shading to bright carmine at the tips; very showy.

**Blitz.** An early and free-flowering rich and brilliant geranium-lake of exceptionally fine form.

**Countess of Lonsdale.** A peculiar but pleasing blending of salmon-pink and amber, a color difficult to describe. This is the Dahlia for the million. Flowers freely under all conditions.

**Country Girl.** Base of petals golden yellow suffused with salmon rose, which is deepest at the points.

**Else.** A charming variety, with a combination of delicate colors. The base of the petals is of buttercup-yellow, gradually passing to amber, finished with a tip of tyrian rose.

**Flora.** An ideal white Cactus Dahlia. A large, heavy flower, produced on stout, stiff stems, makes it valuable for cutting.

**Floradora.** A remarkably free-flowering, bright blood-red.

**Gabriel.** Creamy white, edged with vermilion.

**Gold Fasan.** Ground color chrome-yellow, passing to rosy-red; flowers of medium size, of perfect shape.

Cactus Dahlia Countess of Lonsdale.

**H. W. Sillem.** A brilliant, rich, cardinal-red, with deeper shadings; flowers of perfect form, and very large.

**Hohenzollern.** Rich, orange-red, with golden sheen.

**Hagen.** Remarkably free-flowering, perfect flowers of medium size, of a rich purplish-brown, with deep-analine-red markings, giving it a striped appearance.

**J. H. Jackson.** Brilliant crimson-maroon; very free.

**Kriemhilde.** A most popular cut flower variety; perfect flowers on long stems; color a brilliant pink, gradually shading to white at the centre.

**Mrs. MacMillan.** Yellowish-white at base of petals, gradually passing to a purplish-mauve, suffused with shades of pink in the body of the flower, giving it a brilliancy difficult to describe.

**Mrs. H. J. Jones.** Very large, perfect, rich, bright scarlet, with cream-colored edge; occasionally comes self-colored.

**Papagei.** Ground color yellow with bright rosy-red variegations, extending almost to the lemon-colored tips.

**Pius X.** A beautiful large white, with slight sulphur tint; very double, with nicely quilled petals.

**Prince of Yellows.** A rich canary-yellow; the best yellow for cutting.

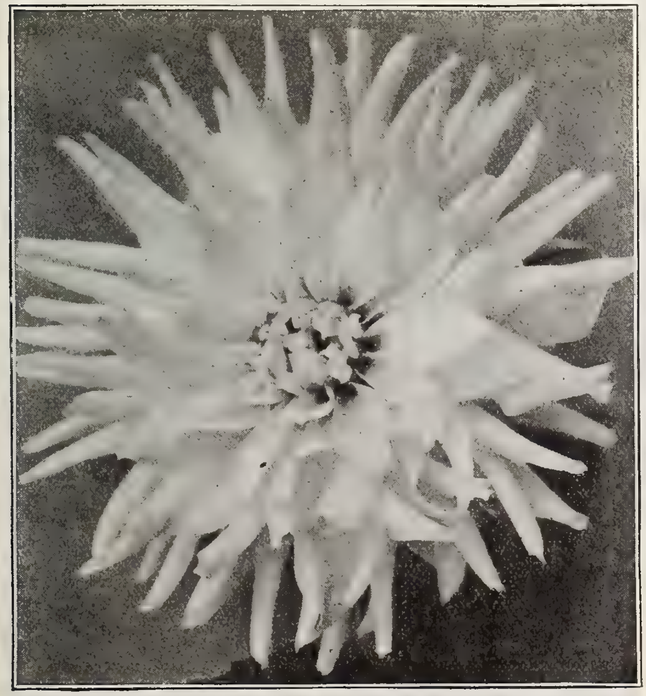
**Roland von Berlin.** A magnificent, brilliant and intense geranium-red, with deeper shadings and full of fire.

**Rother.** Rich, bright garnet; one of the finest dark-colored sorts yet introduced.

**Standard Bearer.** Rich, fiery scarlet, free and of perfect form.

**Strahlen Krone.** Intense cardinal-red; rich and glowing.

**Price.** Any of the above 25 cts. each; $2.50 per doz.; $18.00 per 100. Set of 25 varieties for $5.00.



Cactus Dahlia Pius X.

**The New German Giant Cactus Dahlias offered on page 148 are superb.**

NEW DECORATIVE DAHLIA LE GRAND MANITOU.

# DECORATIVE DAHLIAS

## of Recent Introduction.

**Beloit.** Particularly effective on account of its very large flowers, borne on stems 18 to 20 inches long and held well above the foliage; these are full double, of splendid form, of a rich purplish-garnet, shading deeper towards the centre. Plants ready April 15th, 50 cts. each; $5.00 per doz.

**Delice.** Its beautiful soft, yet lively color, a glowing rose-pink, together with its perfect shape, stout, stiff stems which hold the flowers well above the foliage, and the fact that when cut it retains its freshness longer than any variety we know of, makes this one of the most valuable for cutting, and one of the most decorative sorts in the garden. Plants ready April 15th, 25 cts. each; $2.50 per doz.

**Le Grand Manitou.** The first variegated Dahlia of the decorative type introduced, and which attracted much attention in our trial ground the past season. The flowers are from 5 to 6 inches across, the ground color being white, prettily spotted, striped, blotched and suffused with deep reddish-violet; these are borne on stout, stiff stems and held well above the foliage. Plants ready April 15th, 50 cts. each; $5.00 per doz.

**Perle de Lyon.** The most valuable white Decorative Dahlia yet introduced, and which is certain to become a leader as a cut flower, perfect in form, pure in color, and produced on long, stiff stems, and very free-flowering. Plants ready April 15th, 25 cts. each; $2.50 per doz.

**Yellow Colosse.** Flowers of very large size, of perfect form, pure primrose-yellow; the best of its color and valuable for all purposes. Plants ready April 15th, 25 cts. each; $2.50 per doz.

One each of the above 5 new Decorative Dahlias for $1.50.

## SELECT STANDARD DECORATIVE DAHLIAS.

**Admiral Dewey.** A rich purple, very free.

**Black Beauty.** Deep velvety-maroon, almost black.

**Catherine Duer.** Iridescent-red; a favorite for cutting.

**Clifford W. Bruton.** A fine bright yellow.

**Jack Rose.** Brilliant crimson-red, similar in shade to the popular "Jack" Rose, which suggested its name; perfect for garden decoration or for cutting. 25 cts. each; $2.50 per doz.

**Eureka.** A deep rose color, of large size and fine form.

**Evadne.** Centre soft primrose shading to white, edge of flower blush.

**F. L. Bassett.** Carmine-purple, shading deeper at the centre.

**Fire Rain.** A free-flowering cardinal-red; a fine cut flower.

**Gold of Ophir.** Rich old-gold shading to amber.

**Henry Patrick.** A beautiful pure white.

**Jeanne Charmet.** A splendid cut flower variety of a pleasing shade of violet-rose on a lighter ground. 25 cts. each; $2.50 per doz.

**Juno.** A rich velvety reddish-brown with brilliant carmine markings, flowers of large size on strong stems. 25 cts. each; $2.50 per doz.

**La France.** A free-flowering solferino-red, of large size, holding its flowers well above the foliage. 25 cts. each; $2.50 per doz.

**Lyndhurst.** Brilliant cardinal-red. A fine cut flower.

**Mme. Van den Daele.** A charming soft rose with deeper markings, shading to white in the centre. 25 cts. each; $2.50 per doz.

**Mme. A. Lumier.** A very distinct semi-double variety; ground color white, suffused towards the ends of the petals with red, the tips being pointed with bright violet-red. 25 cts. each; $2.50 per doz.

**Marianna.** Very dwarf, and producing an abundance of pleasing rich orange-buff flowers. 25 cts. each; $2.50 per doz.

**Mrs. Winters.** A fine snow-white. A grand cut flower.

**Orange King.** Rich, glowing orange-scarlet.

**Perle** (*Perle de la tete d'Or*). A beautiful glistening white; a splendid variety for cutting.

**Sylvia.** Soft, pleasing mauve-pink, gradually changing to white in the centre. A fine cut flower.

**Wm. Agnew.** Rich, dazzling carmine-red.

**Wilhelm Miller.** Rich, aniline-red, suffused with purple.

**Zulu.** Deep maroon with black shadings.

**Price,** except where noted, 15 cts. each; $1.50 per doz.; $10.00 per 100. Set of 25 varieties for $3.50.

NEW DECORATIVE DAHLIA BELOIT.

**Our Dahlias were awarded a GRAND PRIZE at the Alaska-Yukon-Pacific Exposition, 1909.**

## GIANT DAHLIAS.

The five sorts here offered are, without exception, the largest and most perfect double-flowering Dahlias now grown, flowers of all of them attaining a size of between five and six inches across under ordinary cultivation. As cut flowers for vases they are exceedingly effective and last a long time in good condition.

**Cuban Giant.** An immense ball of bright maroon, free and early.

**Gettysburg.** A bright, rich, pure scarlet; fine form.

**Grand Duke Alexis.** Large, massive flowers, ivory-white, with a faint tinge of rose at the extremities of the petals.

**Mrs. Roosevelt.** Delicate silvery-rose.

**Souvenir de Gustave Doazon.** A decorative variety of mammoth proportions, which under ordinary cultivation will produce flowers 6 inches across, and can be grown to measure full 9 inches. It is of free growth, remarkably profuse-flowering, and pure red in color.

**Price,** 25 cts. each; $2.50 per doz.
Set of 5 Giants for $1.10.

Giant Dahlia Souvenir de Gustave Doazon.

## CHOICE DOUBLE SHOW DAHLIAS.

**A. D. Livoni.** A splendid clear pink, beautifully quilled, of perfect form and very free-flowering.

**Arabella.** Light sulphur-yellow, shaded peach-blossom on edges; a fine flower.

**Chas. Lanier.** The largest yellow Show Dahlia to date. Very rich yellow and fine for cutting. 35 cts. each.

**Duchess of Cambridge.** Base of petals white suffused pink, heavily tipped dark crimson.

**Emily.** Solferino, with white markings; very large.

**Gloire de Lyon.** Very fine and large white.

**Gracchus.** Orange shaded apricot.

**John Walker.** An elegant pure white.

**Miss May Loomis.** White, suffused with soft rose.

**Pendent.** An early and profuse crimson-maroon.

**Queen of Yellows.** A splendid clear primrose-yellow, of fine form.

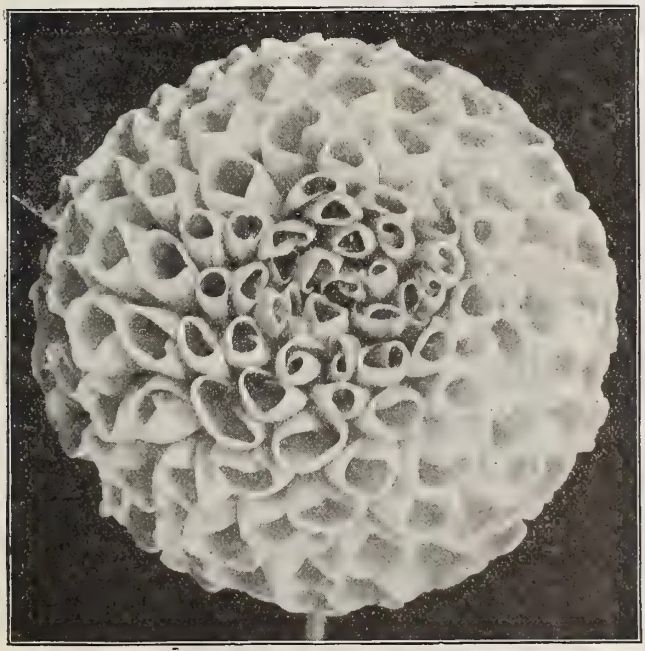
**Red Hussar.** Pure cardinal-red; perfect form.

**Ruby Queen.** Brilliant deep ruby-purple.

**Southern Queen.** Absolutely perfect in form; color deep rosy-mauve, with darker shadings.

**Thos. White.** Purple-garnet shaded black.

**Price,** except where noted, 20 cts. each; $2.00 per doz.; $15.00 per 100. Set of 15 varieties, $2.50.



Double Show Dahlia A. D. Livoni.

## CHOICE DOUBLE FANCY DAHLIAS.

**Chameleon.** Flesh-colored centre, shading to crushed strawberry, with yellowish blending.

**Eloise.** White, tinted flesh, each petal edged with deep, purplish-garnet.

**Frank Smith.** Intense purplish-maroon, shading almost to black; each petal tipped with white.

**Keystone.** Light rose, spotted and striped crimson.

**Lottie Eckford.** White, striped and spotted with purple.

**Lucy Fawcett.** Sulphur-yellow, striped and spotted carmine-rose.

**Miss Browning.** A perfectly-formed flower, a canary-yellow, tipped with white.

**Mrs. Stancombe.** Straw-yellow, suffused amber, striped red and tipped blush.

**Olympia.** Bright rose-pink, striped, spotted and pencilled with rich crimson.

**Progress.** Soft rosy-lake, beautifully spotted and pencilled with glowing crimson.

**Price,** 20 cts. each; $2.00 per doz.; $15.00 per 100.
Set of the 10 varieties for $1.65.

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**The two Superb New Show Dahlias offered on page 147 are the finest of this type.**

## PÆONY-FLOWERED DAHLIAS.

This beautiful type is now very popular. The artistic flowers are very large, and are best compared to the semi-double Pæonies in general form. They all flower very freely, and are borne on long, strong stems, making excellent material for cutting, as well as for garden decoration.

**Cleopatra.** Rich oriental red, base of petals primrose-yellow; very effective. Plants ready April 15th. 30 cts. each.

**Germania.** Brilliant strawberry-red, a very fluffy, artistic flower, standing well above the foliage.

**Glory of Groenekan.** Very large orange-yellow flowers. Plants ready April 15th. 30 cts. each.

**King Leopold.** Primrose, shading lighter at edges.

**Mme. Louise Perier.** Crimson-carmine, suffused with white, base of petals yellow; striking. Plants ready April 15th. 30 cts. each.

**Philadelphia.** In form this is a semi-double Cactus of giant size, color rich reddish-purple with brighter shadings, suffused and marked with white; very free-flowering, and for a gay effect in the garden is unapproachable.

**Queen Emma.** A magnificent sort that appears almost artificial; it is of a charming shade of mallow or Hollyhock pink, the inner petals banded with gold.

**Queen Wilhelmina.** Immense, fluffy flower of pure white with yellow centre.

**Solfatere.** Brilliant carmine with yellow centre; large and free.

**Price,** except where noted, 25 cts. each. One each of the 9 sorts, $2.00.

Double Pompon Dahlia.

## New Pæony-flowered Dahlia "Geisha."

The showiest and most attractive of this type yet introduced; of strong growth, with the rich colored flowers standing well above the foliage. These are original in form, consisting of peculiarly twisted and curled petals, of an effective and rich combination of scarlet and gold, the centre being yellow, which becomes suffused with and deepens to scarlet at the centre of the petals, shading off lighter at the edges. Plants ready April 15th. 75 cts. each; $7.50 per doz.

Pæony-flowered Dahlia Geisha.

## Choice Double Pompon Dahlias.

**Catherine.** Well-formed primrose yellow.

**Darkness.** Deep velvety maroon.

**Ganymede.** Ground color golden amber; top and reflex bright rose; very pretty.

**Gold Hanchen.** Pure primrose-yellow.

**Kleine Domitea.** Orange-buff; always in flower.

**Lillian.** Deep violet-rose, the base of the petals yellow.

**Little Herman.** Deep red, tipped white.

**Rosalie.** Lemon-yellow, tipped solferino.

**San Toy.** White tipped with Tyrian-rose.

**Snowclad.** A pure white of perfect form.

**Vivid.** Rich brilliant scarlet.

**White Aster.** Fine fringed white.

**Price,** 15 cts. each; $1.50 per doz. Set of 12 varieties for $1.50.

Collerette Dahlia.

## COLLERETTE DAHLIAS.

An entirely distinct type, having a row of short petals around the disc, which form a frill or collar, and which are of an entirely different color from the rest of the flower.

**Exposition de Lyon.** Bright garnet; collar petals clear yellow; a gay-colored flower.

**La Fusee.** Deep ox-blood red, the collar being of same, marked with white.

**Maurice Rivoire.** An attractive flower, with broad petals of ox-blood red, with deeper stripe down the centre, and a pure white fringed collar.

25 cts. each; $2.50 per doz. One each of the 3 sorts for 65 cts.

NOTE.—We supply all Dahlias, except where noted, in dormant roots, but as the season advances and our supply of certain varieties becomes exhausted in this shape, green, growing plants are supplied instead. These will give equally as good results as dormant roots (many experienced planters will only plant green plants), and by the time they are cut by frost they will have produced strong roots, which can be carried over winter in the ordinary way.

Read the Cultural Hints on Dahlias given on page 147.

New Century Single Dahlia.

## New Century Single Dahlias.

These magnificent single varieties all originated from the celebrated Twentieth Century offered in this set. They are all of free-branching habit, flowering early, profusely and continuously throughout the season; flowers 4½ to 6 inches across on stems 3 feet long, and when cut keep in good condition for many days.

**Crimson Century.** Rich, deep, velvet crimson, shaded maroon, with rose halo around a yellow disc.

**Maroon Century.** Rich maroon, with yellow disc.

**Pink Century.** Delicate soft pink.

**Scarlet Century.** Brilliant scarlet, golden disc.

**White Century.** Pure white, with large, heavy, overlapping petals of good texture.

**Twentieth Century.** Early in the season an intense rosy-crimson, shading gradually to almost white on the edges and a light halo around the disc. As the season advances the flowers become lighter, changing to almost pure white, suffused with soft pink.

**Price,** 20 cts. each.; $2.00 per doz.; $15.00 per 100. Set of 6 varieties, $1.00.

## FANCY SINGLE DAHLIAS.

**Frau Irene Heinemann.** Centre of petals white with a broad border of purplish crimson, sometimes tipped with crimson; pretty in either form.

**Frau Van der Zypen.** Centre of petals pure white, with a broad band of orange-scarlet on each edge of the broad petal.

**Furst Manoukbey.** Orange-buff with a narrow edge of bright scarlet; distinct and pleasing.

**Gaillardia.** Golden-yellow with a broad red band around the golden disc, resembling *Gaillardia Grandiflora.*

**Record.** Ground color pure yellow, the centre of each petal flamed and marked with pure scarlet.

**Striking.** Garnet, each petal tipped white.

**Price,** 25 cts. each; $2.50 per doz. Set of 6 sorts, $1.25.

## STANDARD SINGLE DAHLIAS.

**Alba Superba.** Fine large white with a dash of canary-yellow at base of petals.

**Advancement.** Deep ruby-red with rose halo and yellow centre.

**Ami Barrilet.** Rich pure garnet with fine dark foliage.

**Blackbird.** Black velvety-maroon with a bright red spot at the base of each petal.

**Deegen's Riese.** Rich tyrian-rose, with a brilliant red iridescence at the base of each petal.

**Gracie.** White, delicately suffused with blush and a primrose halo around the disc.

**Jack.** Brilliant fiery scarlet, the base of the petals overlaid with golden-yellow. The freest-flowering Dahlia grown.

**Mrs. Bowman.** Solferino, a large, showy flower.

**Merry Widow.** Exceptionally bright deep scarlet flowers of very large size. Effective for massing. 25 cts. each; $2.50 per doz.

**Polly Eccles.** Pure apricot with yellow shadings, a halo of poppy-red surrounding the Indian-yellow disc.

**St. George.** A pretty primrose-yellow.

**Wildfire.** Brilliant poppy-scarlet of large size.

**Price,** except where noted, 15 cts. each; $1.50 per doz.; $10.00 per 100. One each of the 12 varieties for $1.50.

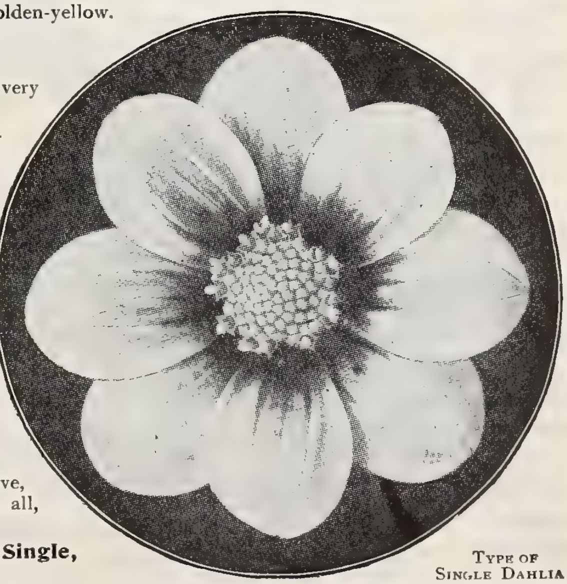
## COLLECTIONS OF DAHLIAS.

Many of our customers wish to try for themselves the various varieties of Dahlias, and it is for such that we offer the following collections at greatly reduced prices:

**One each of all the Cactus Dahlias,** 99 sorts in all, for $22.50.

**One each of all the Double Dahlias,** including Cactus, Decorative, Giant, Show, Fancy, Pompon, and Pæony-flowered, 183 sorts in all, for $37.50.

**One each of all the Dahlias we offer, both Double and Single,** 210 sorts in all, a magnificent collection, for $40 00.



Type of Single Dahlia

**We offer the cream of the Newest Cactus Dahlias on pages 148 to 150.**

DRACÆNA MASSANGEANA.

## DRACÆNAS.

Mr. Eben. E. Rexford writes the following cultural notes expressly for this book:

"This plant is better adapted to the greenhouse, or a plant-room in which the temperature and moisture can be controlled, than it is to the window-garden, where the air is almost always dry and the temperature fluctuating. Such varieties, however, as *D. fragrans* and *D. indivisa*—the former with broad foliage and the latter with very long, narrow grass-like leaves—can be grown quite satisfactorily in the living-room if care is taken to prevent the red spider from injuring them. *D. indivisa* is very graceful in habit, and makes an excellent plant for the decoration of the table. The richly-colored varieties are among the finest ornaments of the greenhouse.

"The Dracæna should be given a light, fibrous soil, with just enough loam in it to give it body. Drainage should be good. Watering should be liberal and showering frequent. The variegated sorts require plenty of light to bring out the richness of their coloring."

**Amabilis.** Foliage bright glossy green, marked and suffused with pink and creamy-white. 50 cts. and $1.00 each.

**Desmetiana.** Heavy, bold, dark green foliage, becoming suffused with creamy-white and pink. 50 cts. and $1.00 each.

**Fragrans.** An excellent house plant, with broad, dark green foliage; grows under the most adverse conditions. 25 cts., 50 cts. and $1.00 each.

**Godseffiana.** Entirely different from all other Dracænas; of free-branching habit, forming compact, graceful specimens. Its foliage is of strong, leathery texture; rich dark green color, densely marked with irregular spots of creamy-white. 3-inch pots, 25 cts. each.

**Indivisa.** This variety is used very extensively as a centre plant for vases, urns, etc. It stands full exposure to the sun, and its long, narrow, graceful foliage contrasts beautifully with other plants. 25 cts., 50 cts. and $1.00 each.

**Knerkii.** Dark glossy green leaves; makes a bold specimen, and is a good house plant. $1.00 each.

**Lord Wolseley.** Long, narrow, recurving foliage, which colors to a very bright rosy-crimson. 50 cts. each.

**Lindeni.** A beautiful variegated form of *Fragrans*, with broad green foliage and golden-yellow stripes on the edges. 50 cts. to $1.00 each.

**Massangeana.** Another form of *Fragrans*, with the variegation through the centre of the leaf. 50 cts. to $1.00 each.

**Rothiana.** Recurved glaucous green foliage. 50 cts. to $1.00 each.

**Sanderiana.** A graceful variety, with glaucous green foliage, edged with a broad border of creamy-white. 25 cts. each.

**Terminalis.** Rich crimson foliage, marked with pink and white. 30 cts., 50 cts. and $1.00 each.

## DIEFFENBACHIAS.

Handsome decorative plants, with bold, ornamental foliage; useful for the warm conservatory.

**Baraquiniana.** Bright green, irregularly spotted with white, midrib and stems creamy-white.

**Bausei.** Leaves yellowish-green, blotched dark green and spotted white.

**Bowmannii.** Rich deep green leaves, blotched with irregular markings of light pea-green.

**Jenmanii.** Long, narrow, bright green foliage, spotted with white.

**Magnifica.** Shining somber green foliage, variegated with blotches and spots of pure white.

**Memoræ Corsi.** Leaves silvery-white, veined green.

**Picta.** Dark green, with numerous white spots.

**Splendens.** Rich, deep bottle-green, freely marked with whitish striated blotches.

**Price,** 50 cts. each. Set of 8 sorts, $3 50.

## ECHEVERIA.

**Secunda glauca.** The blue-green-leaved variety so much used in carpet bedding. 15 cts. each; $1.25 per doz.; $8.00 per 100.

## ERANTHEMUM.

**Albo-marginatum.** A pretty hothouse plant, with foliage 4 to 5 inches long by 2 to 2½ inches wide, of rich dark green, margined with white and irregularly suffused with gray. 50 cts. each.

## ERYTHRINA (Coral Plant).

**Cristi-galli compacta.** A most effective summer-flowering garden plant. Should be planted out after danger from frost is past, and produces throughout the summer large spikes of brilliant crimson-scarlet flowers. In autumn the top should be cut back and the roots stored in dry soil or sand in a frost-free cellar. 50 cts. each; $5.00 per doz.

## EUCHARIS.

**Amazonica.** A splendid hothouse plant. It sends up stalks bearing several pure white star-shaped flowers, 4 inches across, delightfully fragrant, and highly prized as a cut flower. 30 cts. each; $3.00 per doz.

## EUCOMIS (Pineapple Flower).

**Punctata.** An easy-growing summer-flowering bulb which may be treated like Gladiolus. It forms a rosette of pretty, erect, wavy green leaves, from the centre of which rises a stem 2 feet high with a dense head of yellowish green flowers with dark centres. 20 cts. each; $2.00 per doz.

## EUGENIA.

**Microphylla.** A pretty little plant with small, dark green foliage; excellent for Fern dishes or window garden. 25 cts. each.

## EURYA.

**Latifolia Variegata.** An evergreen Shrub with rich dark green foliage, which is beautifully variegated with creamy white; an excellent plant for house decoration. 50 cts. each.

DIEFFENBACHIA.

## FICUS (Rubber Plant).

**Elastica.** The well-known Rubber Plant. Mr. Eben. E. Rexford gives the following directions for its culture, written especially for this book:

"The Ficus is a plant that will do well if given half a chance. Give it a good soil, a liberal amount of root room, and frequent applications of some good fertilizer after the pot is pretty well filled with roots, and it ought not only to make a strong growth, but to keep growing most of the time. When the plant stands entirely still it is either because in has extracted all the nutriment from the soil, or because the pot is so packed with roots that there is no room for further development. Generally it is a combination of both these conditions.

"Sometimes the old leaves ripen and fall off. This is a process of nature; therefore, it does not indicate that there is anything wrong with the plant. If the old ones fall without new ones coming to take their places, it is almost always safe to conclude that the plant is starved, or does not get as much water as it needs. This is frequently the case when the pot is filled with an almost solid mass of roots.

"To grow this plant well give it a soil of rich loam. Keep it well watered, and shift it to a larger-sized pot about once a year. As long as its new leaves are of good size and substance it will not be necessary to use strong applications of fertilizer, but as soon as they begin to diminish in size, or lack in healthy color, feed it well." 4-inch pot, 10 inches high, 50 cts. each; 5-inch pot, 15 inches high, 75 cts. each; 6-inch pot, 24 inches high, $1.00 each.

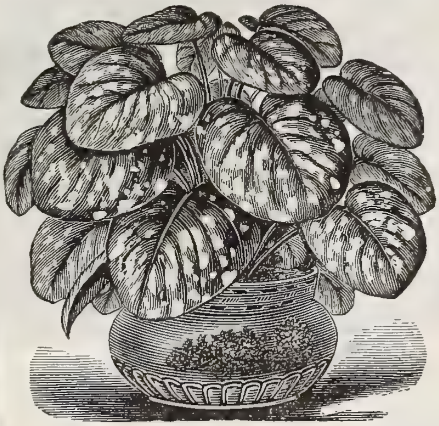
**Altissima.** In general appearance and habit similar to F. Elastica, but with smaller dark green, glossy foliage, with white veins. 50 cts. each.

Ficus Elastica (Rubber Plant).

**Lutescens** (*Mistletoe Fig*). Interesting on account of its bearing at each leaf axil a small fig, which, at first green, changes to a pale yellow; the dark green foliage is small, the whole plant reminding one of a branch of mistletoe. An excellent subject for the window garden. 25 cts. each.

**Parcelli.** Large, deep-green leaves, marbled with white; a pretty plant for the warm conservatory. 50 cts. each.

**Repens.** A trailing or creeping variety, with small foliage; useful for baskets, covering greenhouse walls, etc. 25 cts. each.



Farfugium Grande.

## FARFUGIUM.

**Grande** (*Leopard Plant*). Mr. Eben. E. Rexford writes expressly for this book the following cultural note:

"This plant is extremely ornamental. Its large, circular leaves, thickly spotted with creamy-white and yellow, make it wonderfully effective for room decoration. It likes a soil of loam and mucky matter, half and half, with a good deal of water. Ample provision, however, should be made for drainage. Once a month apply a fertilizer, as it is a gross feeder when allowed to have its way. It is never satisfactory if restricted as to food. Keep it in the shade." 25 cts. each; $2.50 per doz.

**Argenteus.** A rare variety, with glaucous green foliage, which, instead of being spotted, is edged with creamy-white; very pretty. 50 cts. each.

Fuchsia.

## FITTONIA.

Elegant trailing plants, with handsome variegated foliage; most useful in the conservatory for planting on surface of pots or tubs containing specimen plants.

**Argyroneura.** Vivid green, with network of pure white veins. 25 cts. each.

**Verschaffeltii.** Bronzy-green with pink variegation. 25 cts. each.

## FUCHSIAS.

Well-known favorites for planting out in partially shaded positions during the summer or for early spring-flowering in the window or greenhouse. The following is a selection of the finest varieties. Those marked with a "*" are double-flowering.

**Anna Neville.** Carmine sepals, purple corolla.

***Ballet Girl.** Carmine sepals, corolla white.

**Black Prince.** Bright waxy-carmine, pink corolla.

***Elm City.** Sepals rich crimson with very full, deep purple corolla.

***Gerbert.** Sepals bright red, corolla reddish-purple blotched cardinal-red.

**Lieut. Mauritz.** White sepals and rosy-red corolla.

**Marinka.** Coral-red tube and sepals; corolla carmine.

**Minnesota.** Tube and sepals light pink; corolla violet-purple.

***Mrs. Gladstone.** White corolla with coral-red sepals.

***Pompeian.** Sepals rosy-crimson, corolla clear violet.

***Rose Phenomenal.** Rosy-red tube and sepals, rosy-lilac corolla.

**Speciosa.** Pale-red tube and sepals, dark red corolla.

**Price:** 10 cts. each; $1.00 per doz. Set of 12 for $1.00.

**New and Rare Garden and Greenhouse Plants are offered on pages 128 to 132.**

# DREER'S FINE FERNS.

Our collection of Ferns is the most extensive in this country. We annually produce over two millions of these plants, which shows their great popularity.

Mr. Eben. E. Rexford, the well-known horticultural writer, who has had considerable experience with Ferns, has written the following cultural notes expressly for this book:

"While few members of the Fern family are adapted to culture in the ordinary living room because of its dry air, there are several that we cannot afford to overlook for this purpose, like the newer types of the Boston Fern, among which *Whitmani* is one of the best, with finely divided pinnæ, making the frond look like a feathery plume. *Scotti* is a Boston Fern of compact habit and density of growth, which features make it very desirable for the window, where room is limited. Perhaps the best Maiden Hair Fern for house culture is *Adiantum Croweanum*, which stands the dry atmosphere better than any other member of this graceful genus. *Pteris Wilsoni*, with finely crested fronds, is good; also *Pteris Victoriæ*, which has silvery variegations through its leaves. Another fine Fern is *Cyrtomium Falcatum*, better known as the Holly Fern. This is so unlike ordinary Ferns that one would hardly suppose it to be a member of the family. Its foliage is thick and leathery, dark green in color, with glossy surface.

The best soil for Ferns is one composed of leaf mould or turfy matter, with a little sharp sand worked in. Plenty of water should be given, but good drainage should be provided to guard against the danger from over-watering. Keep the plants out of the sun. Clip off all runners from the Boston Ferns and allow but two or three crowns to a plant. If allowed to subdivide itself, as it seems inclined to do when left alone, the pot will soon be filled with crowns, greatly to the detriment of the foliage.

About the only enemy that the Fern has is the mealy-bug. It is a difficult matter to get rid of this pest if it attacks the plant, because the fronds cannot be handled much without injuring them. It is therefore advisable to keep vigilant watch over the plants and see that this pest has no chance to establish itself on them.

ADIANTUM CROWEANUM.

CYRTOMIUM FALCATUM.

NEPHROLEPIS SCOTTI.

## Six of the Best Ferns for House Culture.

Of the hundreds of varieties of Ferns which we grow the following six sorts are undoubtedly among the best for house culture, and have the endorsement of Mr. Eben. E. Rexford, who has tried them under ordinary living-room conditions. They are all quite distinct, and form a very interesting collection.

**Adiantum Croweanum** (*Maiden Hair*). A graceful and pretty variety. 25 cts. and 50 cts. each.

**Cyrtomium Falcatum** (*Holly Fern*). Broad, dark, glossy green foliage; very ornamental. 25 cts. and 50 cts. each.

**Nephrolepis Scotti** (*Dwarf Boston Fern*). Identical to the famous Boston Fern, but of dwarfer, more compact and bushy habit. 25 cts. and 75 cts. each. Specimen plants, $2.50 each.

**Nephrolepis Whitmani** (*Improved Ostrich Plume Fern*). The most valuable of this type, with handsome broad, plume-like fronds. 25 cts. and 75 cts. each. Specimen plants, $2.50 each.

**Pteris Wilsoni** (*Crested Fern*). A most satisfactory variety, with prettily crested fronds. 25 cts. and 50 cts. each.

**Pteris Victoriæ** (*Silver Variegated Fern*). A lovely sort with a silvery variegation through the centre of each leaf. 25 cts. and 50 cts. each.

A nice plant of each of the above 6 sorts for $1.25.
A larger " " " " 6 " " 3.00.

## SELAGINELLAS, OR MOSSES.

Useful in connection with Ferns for the filling of Wardian Cases, Fern Dishes, etc. The varieties offered below are among the most interesting.

**Amœna,**
**Cæsia Arborea,**
**Caulescens minus,**
**Cuspidata,**
**Emiliana,**
**Flabellata,**
**Krauseana,**
**— Aurea,**
**Krauseana Variegata,**
**Martensi,**
**Rubella,**
**Rubricaulis,**
**Watsoniana.**

15 cts. each; set of 13 varieties, $1.50.

For General List of Fine Ferns see next page. See also Novelties, page 130.

## FINE FERNS—*Continued.*

Pteris Wilsoni.

**Adiantum Bellum.** A pretty crested sort. 15 cts.

**— Æmulum.** 25 cts.

**— Aneitense.** 25 cts.

**— Caudatum.** A creeping variety; fine for hanging-baskets. 25 cts.

**— Cuneatum.** The popular Maiden Hair. 15 cts., 25 cts. and 50 cts.

**— — Grandiceps.** A beautiful crested form. 15 cts.

**— — Variegatum.** 15 cts. and 25 cts.

**— Curvatum.** 25 cts.

**— Dolabriformis.** A creeping variety, which should be grown in a basket. 25 cts.

**— Farleyense.** The finest of all Maiden Hairs, but will not succeed as a window plant, requiring the moist atmosphere of the greenhouse. 25 cts., 50 cts., $1.00 and $1.50 each.

**— Hybridum.** 25 cts.

**— Lathomii.** One of the best to grow into specimens. 25 cts.

**— Macrophyllum.** 25 cts.

**— — — Albo striatum.** The prettiest of the variegated Maiden Hairs. The mature fronds are deep green, striped white, while the young fronds are bronzy-rose. 25 cts. each.

Nephrolepis Whitmani.

**— Mundulum.** 25 cts.

**— Pulverulentum.** 25 cts.

**— Sanctæ Catharinæ.** 25 cts.

**— Reginæ.** 25 cts.

**— Rochfordeanum.** 25 cts.

**— Scutum.** 25 cts.

**— Rhodophyllum.** This handsome species is best described as a miniature *Farleyense*, but easier to grow. 25 cts.

**— Tenerum.** A tall grower with bronzy-green pinnæ. 25 cts.

**— Weigandi.** A pretty little crested species. 15 cts. and 25 cts.

**Aspidium Tsussimense.** One of the best for Fern dishes. 15 cts.

**— — Cristata.** 15 cts.

**Alsophila Australis** (*Australian Tree Fern*). 25 cts.

**Asplenium Nidus Avis** (*Bird's-nest Fern*). 50 cts. and $1.00.

**Blechnum Braziliensis.** A desirable dwarf Tree Fern. 15 cts.

**— Occidentale.** A desirable dwarf Fern. 15 cts.

**Cibotium Schiedei.** One of the most desirable and valuable Tree Ferns in cultivation. 50 cts., $1.00, $1.50 and $5.00 each.

**Cyrtomium Fortunei.** 15 cts.

**Davallia Stricta.** One of the finest either for growing in the room or planting out. 15 cts.

**— Affinis.** 25 cts.

**— Epiphylla.** 50 cts.

**— Fijiensis Major.** 25 cts.

**— — Plumosa.** 25 cts.

**— Griffithiana.** 50 cts.

**— Lucida.** 50 cts.

**— Pentaphylla.** 25 cts.

**Dictyogramma Japonica.** 25 cts.

**Goniophlebium Subauriculatum.** I grown in a suspended basket in a moist conservatory will produce fronds 8 to 10 feet long. 50 cts.

**Gymnogramma Chrysophylla Superba** (*Gold Fern*). 50 cts.

**— Sulphurea** ("*Sulphur Fern*"). 15 cts.

**Lastrea Aristata Variegata.** This beautiful variety has a broad band of yellowish-green through the pinnules. 15 cts.

**— Chrysoloba.** 20 cts.

**Lomaria Ciliata.** A dwarf Tree Fern. 15 cts.

**Lygodium Japonicum** (*Climbing Fern*). Light green foliage. 15 cts.

**Microlepia Hirta Cristata.** A most useful decorative Fern, beautifully crested. 25 cts.

**Nephrolepis Cordata Compacta.** A dwarf Sword Fern. 15 cts.

**— Exaltata Bostoniensis** ("*The Boston Fern*"). 4-inch pots, 25 cts.; 6-inch pots, 75 cts. Large specimens, $2.50 each.

**Niphobolus Lingua.** 25 cts.

**— — Corymbiferum.** 25 cts.

**Onychium Japonicum.** 15 cts.

**Platyloma Falcata.** 15 cts.

**Polypodium Areolatum.** 15 cts.

**— Aureum.** Large foliage of a distinct bluish color. 15 cts.

**— Fraxinifolium.** 15 cts.

**Polystichum Angulare Prolifera** (*Lace Fern*). 20 cts.

**— Coreaceum.** 15 cts.

**— Setosum.** 20 cts.

**Platycerium Alcicorne** (*Elk's Horn Fern*). Narrow forked fronds; of easy culture. 75 cts.

**— Angolense.** Broad undivided fronds. $3.00.

**— Stemmaria.** Makes a fine exhibition plant. $2.00.

**— Veitchii.** Erect narrow fronds. $1.50.

**Pteris Argyræa.** Large, bold foliage, with band of white through the centre of each frond. 15 cts.

**— Adiantoides.** 15 cts.

**— Cretica Albo-Lineata.** A pretty variegated variety. 15 cts.

**— — Magnifica.** Beautiful crested fronds. 15 cts.

**— — Mayii.** A dwarf, variegated sort, prettily crested. 15 cts.

**— Hastata.** 15 cts.

**— Ouvrardi.** 15 cts.

**— Serrulata.** 15 cts.

**— — Cristata.** 15 cts.

**— Tremula.** 15 cts.

**— Wimsetti.** 15 cts.

**— — Multiceps.** 15 cts.

**Sitalobium Cicutarium.** Good Fern for the amateur. 15 cts.

## Collections of Ferns.

| | |
|---|---|
| One each of the 24 Adiantums, | $5.00 |
| " " " 25 distinct Ferns, | 3.00 |
| " " " 50 " " | 5.50 |
| " " " 75 " " | 7.50 |

Pteris Victoriæ.

**We call special attention to the SIX BEST FERNS FOR HOUSE CULTURE offered on preceding page.**

# GERANIUMS.

The sets of standard single and double varieties offered below are the best bedding sorts in commerce; the sets of new singles and doubles are especially well suited for growing in pots for conservatory decoration or for the window garden.

## SIX BEST NEW SINGLES.

**Anna Judic.** Immense trusses of white, tinted with pink on the edges; very distinct.

**Claire Frenot.** Splendid round flowers of Water Lily-rose color, veined with rosy-salmon.

**Count Zeppelin.** A remarkably free-flowering fiery scarlet.

**Emanuel Arene.** Rich dark velvety-crimson, maculated orange-red.

**Giselle.** Large trusses of pure rose-pink.

**Lusca.** Bright orange-red with white centre, and shading to lilac on the upper petals.

25 cts. each; $2.50 per doz. Set of 6 sorts, $1.25.

## SIX BEST NEW DOUBLES.

**Aurora.** Large trusses of bright aurora-copper, with lighter shadings.

**Albin Valabregue.** Lilac-rose, the upper petals maculated white; distinct.

**Jean de Vries.** Very large semi-double, of rich velvety violet-purple, the centre flaked like a Nasturtium.

**Odeon.** Very effective oriental-red, upper petals blotched white, white centre.

**President Neumann.** Clear orange-scarlet.

**Terre Lorriane.** Enormous trusses of semi-double flowers, white, tinted rose-carmine.

25 cts. each; $2.50 per doz. Set of 6 sorts, $1.25.

TYPE OF NEW SINGLE GERANIUM.

## TWELVE STANDARD SINGLES.

**Alice of Vincennes.** Ground color white, with a gradual gradation from the centre to violet-crimson, intensifying to rich scarlet at the edges.

**Baronne Grubissich.** Tender rose with clear white eye.

**Granville.** Large, soft, clear pink.

**Jacquerie.** Rich, dark crimson-scarlet.

**Juste Oliver.** Pleasing carmine-purple, upper petals shaded fiery-red.

**Lord Curzon.** Carmine-red, shaded fiery-red at base of upper petals.

**Maxime Kovalevski.** Brilliant pomegranate-red.

**Mrs. E. G. Hill.** Beautiful salmon; a fine large flower.

**Nuit Poitevine.** A beautiful rose-purple, lower petals feathered rich scarlet; fine habit.

**Pamela.** Large white centre, shading to rosy-lake and bold outer margin of violet-crimson.

**Rival.** Soft, tender salmon-red.

**Snowdrop.** The finest white single bedder.

15 cts. each; $1.25 per doz.; $10.00 per 100. Set of 12 varieties, $1.25.

## VARIEGATED-LEAVED SORTS.

**L'Elegant.** An Ivy-leaved variety, with bright green foliage edged with creamy-white; flowers blush, tinted white.

**Mme. Salleroi.** A dwarf variety, rarely over 6 inches high; foliage green, bordered white; fine for edging.

**Sophie Dumaresk.** One of the most beautiful of golden tricolors; bronzy-scarlet zone; golden-edge; scarlet flowers.

**Wm. Languth.** Green edged white, flowers double scarlet.

15 cts. each; $1.50 per doz. Set of 4 sorts, 50 cts.

## TWELVE STANDARD DOUBLES.

**Alphonse Riccard.** Bright vermilion-scarlet, large florets and trusses; the finest large-flowering scarlet bedder.

**Beaute Poitevine.** The best double salmon-pink bedder.

**Berthe de Presilly.** Splendid light pink bedder.

**Edmund Blanc.** Deep carmine, tinted violet, white eye.

**Jean Oberle.** Peach-pink, shading to white at the edge of each petal.

**Miss Kendall.** Dark carmine-red, shading to geranium-lake at the centre of each petal.

**Mme. Landry.** Salmon-pink, shaded scarlet.

**Miss Frances Perkins.** Splendid bright pink bedder.

**Mme. Recamier.** A beautiful pure white bedder.

**Marquis Castellane.** A combination of two distinct shades of red; an excellent bedder.

**Mrs. Lawrence.** Bright satiny salmon-pink, tinged white.

**S. A. Nutt.** One of the best rich dark crimson bedders.

15 cts. each; $1.25 per doz.; $10.00 per 100. Set of 12 varieties, $1.25.

## IVY-LEAVED SORTS.

**Ballade.** Tender lilac, upper petals feathered with crimson-maroon.

**Corden's Glory.** Bright scarlet; bold, full flowers.

**Dina Scalarandis.** Double white, tinted blush.

**Hector Giacomelli.** Semi-double flowers; rose with crimson markings in the upper petals.

**Joseph Warren.** Rich, deep rose-pink; fine.

**Ryecroft Surprise.** Delicate soft pink.

15 cts. each; $1.50 per doz.; $10.00 per 100. Set of 6 varieties, 75 cts.

## SCENTED GERANIUMS.

**Rose, Lemon, Nutmeg, Clorinda or Hybrid Cape, Oak-leaved, Variegated-leaved, Rose.**

10 cts. each; $1.00 per doz. Set of 6 for 50 cts.

# GLADIOLUS.

The most attractive of all summer-flowering bulbs are the gladioli. Wonderful improvements are being made each year in the size, color and beauty of these flowers, and our list comprises only the best both in mixtures and in named sorts.

For best results they should have a sunny position. A large, sandy loam suits them best, but they do equally as well in heavy soil provided there is perfect drainage. Well-rotted stable manure is the very best fertilizer, and where convenient it should be spread over the land in the fall, and dug in the following spring. Sheep manure is an excellent substitute, and can be applied in the spring. The best time to plant is about the first of May, putting in the smallest bulbs first, and reserving the larger bulbs for later planting. A succession of bloom may be had from July to October by making plantings two weeks apart up to the end of June. To make a good show they should be planted from three to four inches apart each way. The depth to plant is regulated by the size of the bulb, large bulbs being covered about six inches deep, smaller ones from three to four inches.

After they have flowered and the foliage begins to turn yellow, which is usually along about the beginning of October, lift the bulbs, cutting off the stems, placing them in trays or shelves in an airy cellar or some such place, where the temperature will not fall below 45 degrees, or over 60 degrees. In such a position they will keep perfectly until time for resetting the following season.

They are very effective in lines or beds or when planted among Roses, Pæonies, Shrubbery, etc.

In cutting Gladioli for the house, it is best to cut the spikes as soon as the first one or two lower flowers are open, The remainder will open in the house. Remove the faded flowers, cut a little off the stem, and change the water every day; treated in this way, a spike will last a week or ten days.

*If Gladiolus are wanted by mail, add* 10 *cts. per doz. for postage. Single bulbs mailed without additional charge.*

Gladiolus America.

# Fourteen Finest New and Rare Gladiolus.

The fourteen sorts offered below are, we believe, the choicest and most exclusive collection offered in this country this season, a number of them unprocurable from any other source, either here or in Europe.

**America.** Conceded to be one of the finest varieties for cutting or bedding ever sent out; color a beautiful soft flesh-pink; orchid-like in its coloring and texture; growth and habit perfect. 10 cts. each; 85 cts. per doz.; $6.00 per 100.

**Blanche.** This is the finest white of the Giant type, immense flowers of pure white, lightly marked with pale rose; a gem. 10 cts. each; $1.00 per doz.; $7.50 per 100.

**Blue Jay** (*Baron Hulot*). Rich, royal violet-blue. This, when cut in combination with Sulphur King, is truly exquisite. 10 cts. each; $1.00 per doz.; $7.00 per 100.

**Cardinal.** The most brilliant cardinal-scarlet yet introduced. Flowers large, in fine spikes; very rich and showy. 12 cts. each; $1.15 per doz.; $8.00 per 100.

**Dawn.** A beautiful soft shell-pink, slightly pencilled in throat; exquisite as a cut flower. 20 cts. each; $2.00 per doz.; $15.00 per 100.

**Deuil de Carnot.** A superb French introduction, with large, open flowers of velvety crimson-maroon, shaded with black; the richest colored of all. (See illustration on page 162.) 20 cts. each; $2.00 per doz.; $15.00 per 100.

**Eucharis.** Large well-opened flowers on long spikes, of a delicate blush-white, blotched slightly deeper; a charming, dainty coloring. 20 cts. each; $2.00 per doz.; $15.00 per 100.

**Heliotrope.** Fine large flowers of velvety bishop's-violet, shaded with pansy-purple; rich and novel. 25 cts. each; $2.50 per doz.; $20.00 per 100.

**Henri Lemoine.** Immense orchid-like flowers, with wavy, frilled petals, color rich chrome-yellow with a large blotch of fiery crimson, the finest rich yellow yet introduced. 25 cts. each; $2.50 per doz.; $20.00 per 100.

**La Candeur.** Of special value, owing to its being the latest of all to flower. Large, well-rounded flowers of creamy-white, with rosy markings in spikes 4 to 5 feet high. 12 cts. each; $1.15 per doz.; $8.00 per 100.

**Princeps.** An especially fine variety, with immense wide-open amaryllis-like flowers of a rich, dazzling scarlet, marked with white on the lower portion, which serves to intensify the brilliancy of the scarlet. 20 cts. each; $2.00 per doz.; $15.00 per 100.

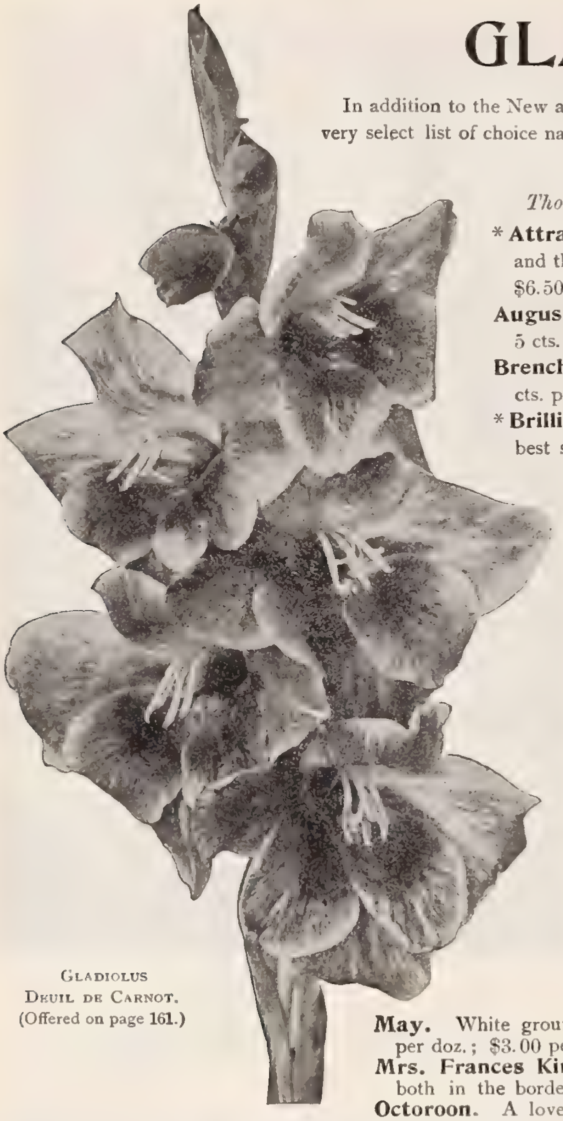
**Sulphur King.** The finest clear yellow yet introduced. A bunch of this and Blue Jay together form one of the most striking color combinations that can be imagined. 25 cts. each; $2.50 per doz.; $20.00 per 100.

**Triomphe de Caen.** Large flowers, with slightly frilled or wavy petals, color almost pure white, centre clear yellow, passing to pale rose. 25 cts. each; $2.50 per doz.; $20.00 per 100

**White Lady.** We are fortunate in being again able to offer this, the finest of all white varieties, unsurpassed for size, substance and purity. 25 cts. each; $2.50 per doz.; $20.00 per 100.

One each of the above 14 new and rare sorts for $2.25. Three of each for $6.00.

**Gladiolus Choice Named sorts and mixed varieties are offered on pages 162 and 163.**



GLADIOLUS
DEUIL DE CARNOT.
(Offered on page 161.)

# GLADIOLUS—*Continued.*

In addition to the New and Rare varieties offered on the preceding page, we offer below very select list of choice named sorts, each quite distinct and first-class in every way.

## SELECT NAMED GLADIOLUS.

*Those marked with an asterisk (*) belong to the Giant type.*

* **Attraction.** Rich, deep crimson, with conspicuous pure white centre and throat; beautiful and attractive. 10 cts. each; 90 cts. per doz.; $6.50 per 100.

**Augusta.** A lovely and useful variety, pure white with blue anthers. 5 cts. each; 50 cts. per doz.; $3.50 per 100.

**Brenchleyensis.** The best and most effective scarlet for massing. 30 cts. per doz.; $1.75 per 100; $15.00 per 1000.

* **Brilliant.** Glistening scarlet with carmine and white throat. The best scarlet. 7 cts. each; 70 cts. per doz.; $5.00 per 100.

**Ceres.** White flaked with purplish-rose. 5 cts. each; 40 cts. per doz.; $2.50 per 100.

* **Columbia.** Large light orange-scarlet, splashed and blotched with bluish-purple; very effective. 6 cts. each; 50 cts. per doz.; $3.00 per 100.

**Eugene Scribe.** Large, open flowers of a tender rose color, blazed with carmine. 8 cts. each; 75 cts. per doz.; $5.00 per 100.

* **Gil Blas.** Immense flowers of salmony-rose, with a fiery-red blotch on straw-colored ground. 10 cts. each; 85 cts. per doz.; $6.00 per 100.

* **Geo. Paul.** Enormous wide-open amaryllis-like flowers of a rich ruby-garnet shade. 10 cts. each; 85 cts. per doz.; $6.00 per 100.

* **Henry Gillman.** Orange-scarlet with pure white bands. 6 cts each; 50 cts. per doz.; $3.00 per 100.

**Isaac Buchanan.** Fine yellow. 10 cts. each; 85 cts. per doz.; $6.00 per 100.

**Jessie.** A fine early-flowering velvety-red in very long spikes; fine for cutting. 6 cts. each; 50 cts. per doz.; $3.00 per 100.

**Klondyke.** A clear yellow, with a vivid crimson-maroon blotch in the throat; a splendid free grower. 10 cts. each; 85 cts. per doz.; $6.00 per 100.

**May.** White ground pencilled with crimson; fine for cutting. 5 cts. each; 45 cts. per doz.; $3.00 per 100.

**Mrs. Frances King.** A striking shade of light scarlet or flame color; effective both in the border and when cut. 6 cts. each; 60 cts. per doz.; $4.00 per 100.

**Octoroon.** A lovely salmon-pink. 8 cts. each; 75 cts. per doz.; $5.00 per 100.

* **Rosella.** Delicate rose, stained purple and white; large open orchid-like flowers; a handsome and satisfactory variety. 10 cts. each; 90 cts. per doz.; $6.50 per 100.

**Shakespeare.** White, slightly suffused with carmine-rose; large rose-blotch. 10 cts. each; 90 cts. per doz.; $6.50 per 100.

* **Wm. Falconer.** A grand pink sort, immense flowers and spike. 10 cts. each; 85 cts. per doz.; $6.00 per 100

## COLLECTIONS OF NAMED GLADIOLUS.

| | | | |
|---|---|---|---|
| 1 | each of the 19 select named sorts, | 19 in all | $1.25 |
| 3 | “ “ 19 “ “ “ | 57 “ | 3.25 |
| 6 | “ “ 19 “ “ “ | 114 “ | 6.00 |
| 12 | “ “ 19 “ “ “ | 228 “ | 10.00 |

| | | | |
|---|---|---|---|
| 1 | each of the 33 New and Select Sorts, | 33 in all | $3.25 |
| 3 | “ “ 33 “ “ “ “ | 99 “ | 9.00 |
| 6 | “ “ 33 “ “ “ “ | 198 “ | 17.00 |
| 12 | “ “ 33 “ “ “ “ | 396 “ | 30.00 |

## GROFF'S GOLD MEDAL AND MIXED HYBRID GLADIOLUS.

These magnificent strains have a world-wide reputation, and represent the cream of Groff's creations.

**Gold Medal Section No. 1.** This contains all the scarlet, blood-red, garnet, amaranth, and similar rich shades of color in great diversity. 7 cts. each; 60 cts. per doz.; $4.00 per 100.

**Gold Medal Section No. 2.** This is composed of the white, yellow and delicate shades of pink, rose, etc., and is especially valuable for cutting. 7 cts. each; 65 cts. per doz.; $5.00 per 100.

**Gold Medal Section No. 3.** In this section are included the new blue, heliotrope, lilac, mauve and similar tints. A lady customer, on seeing a bunch of these, called them "pansy colors," which aptly describes them. They are for the most part entirely new and distinct. 10 cts. each; 85 cts. per doz.; $6.00 per 100.

### Groff's Gold Medal Mixture.

This contains some each of the three sections, and so great is the diversity in color that customers run practically no risk of getting any two alike; by far the finest mixture of Gladioli ever offered. 7 cts. each; 65 cts. per doz.; $5.00 per 100; $45.00 per 1000.

### GROFF'S MIXED HYBRIDS.

These are the earlier hybrids of Mr. Groff, and while not as fine as the preceding, the size and coloring of many of the sorts are truly marvellous. 30 cts. per doz.; $2.00 per 100; $18.00 per 1000.

If Gladiolus are wanted by mail, add 10 cts. per doz. for postage. Single bulbs mailed free at prices given.

**Finest New and Rare Named Gladiolus are offered on page 161.**

# GLADIOLUS in Mixture.

*If Gladiolus are wanted by mail, add 10 cts. per doz. for postage.*

Our mixtures offered below are made up of fine varieties, not the common sorts, which produce themselves so freely, and are all **strictly selected first=size bulbs**, and are sure to give satisfactory results.

## Dreer's Superb General Mixture.

This is our popular, low-priced mixture, and is composed of fine sorts, in all colors, in first-size bulbs only. We have tested many brands of mixtures, some of them costing twice as much as this, but have never seen any which surpassed it in variety of coloring or general excellence. 30 cts. per doz.; $1.50 per 100; $12.00 per 1000.

## Lemoine's Butterfly Hybrids Mixed

The remarkable richness of the colorings of this class rivals the finest orchids. 30 cts. per doz.; $2.00 per 100; $16.00 per 1000.

## New Giant (Nanceanus).

A magnificent race of extraordinary size and remarkable beauty, possessing the long-lasting properties and the beautiful markings of the Lemoine section. Mixed varieties, 40 cts. per doz.; $3.00 per 100; $25.00 per 1000.

## GLADIOLUS in Separate Shades.

| | | | DOZ. | 100. | 1000. |
|---|---|---|---|---|---|
| **Scarlet and Crimson** | shades | mixed | .30 | $2.00 | $15.00 |
| **White and Light** | " | " | .40 | 2.50 | 20.00 |
| **Yellow and Orange** | " | " | .65 | 5.00 | 45.00 |
| **Striped and Variegated** | " | " | .40 | 2.75 | 25.00 |
| **Pink and Rose** | " | " | .35 | 2.25 | 20,00 |

*If Gladiolus are wanted by mail, add 10 cts. per doz. for postage.*

### NEW AND RARE GLADIOLUS.

We offer an exceptionally fine and exclusive list of these this season. In size and coloring they far surpass the older varieties. See page 161.

## GARDENIA FLORIDA.

(Cape Jessamine.)

Beautiful greenhouse evergreen shrubs, with delightfully fragrant, pure white, waxy flowers, blooming from May to July.

| | EACH. | PER DOZ. |
|---|---|---|
| 3-inch pots | 25c. | $2.50 |
| 4 " " | 50c. | 5.00 |

GLADIOLUS, GROFF'S GOLD MEDAL STRAIN.

GARDENIA (Cape Jessamine).

## GENISTA.

**Fragrans.** A most desirable spring-flowering plant, producing its fragrant, bright, golden-yellow flowers in the greatest profusion. As a window plant of easiest culture it is unsurpassed. Especially desirable for Easter decoration. First size, 50 cts. each; $5.00 per doz.; second size, 30 cts. each; $3.00 per doz.

## GLORIOSA (Climbing Lily).

**Superba.** A splendid tropical climbing plant, easy to grow in a warm conservatory, grows 6 to 10 feet high, producing its gorgeous lily-like flowers, which open a bright yellow, changing to a deep scarlet through the summer and autumn. $1.00 each.

## HELICONIA.

Hothouse plants with large, ornamental foliage; useful subjects for exhibition purposes.

**Aurea Striata.** Large, oblong leaves of deep glossy green, marked by curving parallel lines of yellow. $1 00 each.

**Illustris Rubricaulis.** Deep green foliage, with veins and stems marked with bright red. $2.50 each.

Dreer's Select Gloxinias.

## DREER'S SELECT GLOXINIAS.

The following cultural notes have been written by Mr. Eben. E. Rexford expressly for this book:

"The Gloxinia ought to be one of our common plants because of its great beauty, the profusion of its flowers, and its summer-blooming habit. But it is not common, by any means, and this fact is attributable almost entirely to the impression that prevails to a great extent that it is a very difficult plant to grow—quite beyond the ability of the amateur, in fact. Such is not the case, however, if one goes at it in the right way.

"It is a plant that is rather particular about the soil it grows in. Pot it in ordinary garden loam, and it will seldom do well. But give it a soil of one part loam, one part turfy matter or leafmold, and one part sharp sand, with a sprinkling of fine bonemeal, and it will flourish luxuriantly.

"The pots in which they are grown should be given the best of drainage, and great care should be taken in watering. A soil that becomes sour, or heavy from the excessive use of water, will almost invariably cause them to blast or drop their buds. Aim to keep the soil evenly moist, but never allow it to become like mud and remain so for any length of time if you want fine Gloxinias. In watering, be very careful to not let any get on their leaves. They will be greatly injured by it. Use a pot with a small spout that can be thrust in among the foliage and deliver the water just where it is needed without its coming in contact with the leaves. Never sprinkle this plant. They should be wintered in the manner advised for the Tuberous Begonia."

Hyacinthus Candicans.

We offer them in the following separate colors, viz.: Blue, Red, White, Red with white border, Blue with white border; also in choicest mixed colors. 15 cts. each; $1.50 per doz.; $10.00 per 100.

## HYACINTHUS CANDICANS.

(Cape Hyacinth.)

A snow-white summer-flowering Hyacinth, growing 3 to 5 feet in height, gracefully surmounted with from 20 to 30 pure white, bell-shaped flowers. 5 cts. each; 50 cts. per doz.; by mail, 10 cts. per doz. extra.

## HELIOTROPES.

Heliotropes are great favorites, principally on account of their delicious fragrance; they grow freely under glass, and may be planted in the open border during the summer.

**Centefleur.** Rich, deep violet with white eye.

**Chieftain.** Lilac, large truss.

**Mastodonte.** Bright violet-blue with light eye.

**Mme. de Blonay.** Large truss, nearly pure white.

**Picciola.** Violet-blue with white eye.

10 cts. each; $1.00 per doz.

## HIBISCUS SINENSIS.

(Chinese Hibiscus.)

Well-known evergreen tender shrubs which may be either grown in a pot or tub, or planted out during the summer. They flower freely during the entire summer, and even in the winter if kept in a light, sunny position in the house. As a rule, they flower more freely when grown in a pot or tub, and when grown in this way the roots are kept in confinement and it is easier to handle them in the winter. They can also be kept over winter in a warm cellar or any place where the thermometer does not fall below 50 degrees. In such a position give only enough water to keep alive, never permitting the soil to become dust dry.

**Aurantiacus.** Fine double pure salmon.

**Grandiflorus.** Very large single rose.

**Miniatus Semi-plenus.** The finest and most brilliant semi-double vermilion-scarlet, with flowers 4 inches in diameter.

**Peachblow.** Large double flowers, of a soft pink, with deeper centre.

**Sub-Violacea.** Flowers very large, of a beautiful carmine tinted violet.

15 cts. each.; $1.50 per doz.; the set of 5 for 65 cts.

*The Hardy Hibiscus are offered on page 222.*

## IPOMŒA.

**Noctiflora** (*Moon Flower*). The well-known popular white, fragrant favorite. Of very rapid growth.

**Learii** (*Blue Dawn Flower*). Intense violet-blue, flowers 6 inches in diameter.

10 cts. each; $1.00 per doz.

Heliotrope.

## HYDRANGEA HORTENSIS.

Although hardy in sheltered favorable positions in the latitude of Philadelphia, they will give more satisfaction when grown as pot or tub plants and protected against frost. They thrive in any good garden soil, but give better results when grown in a soil composed of two parts of good turfy loam and one part of thoroughly decomposed cow or stable manure. When in active growth supply liberally with water; at this time also stimulants in the form of liquid manure, our Peerless Plant Food or Bonemeal, will prove beneficial. Give full exposure to the sun, except when in flower, when a little shade will prolong their blooming. On the approach of freezing weather store in a light, cool cellar or similar place, water only sufficent to prevent the roots from drying up. Keep the plants as cool as possible during the winter, but never expose to frost; if they start into growth during winter they are stored too warm, and should be moved to cooler quarters. Early in spring bring the plants on the piazza or some sheltered place and increase the supply of water, again giving full exposure as soon as the weather becomes thoroughly settled.

Specimen Hydrangea Otaksa.

In some soils, due to the presence of certain chemicals, Hydrangeas naturally flower blue. To produce this color artificially incorporate one-half pound of alumn broken into pieces about the size of a hickory nut with each bushel of soil.

**Otaksa.** A Japanese variety, producing immense heads of flowers usually pink in color. Extensively used for Easter and for outdoor decoration in the summer. We have a grand lot of plants specially prepared for summer flowering that will make a handsome display.

Young plants, 25 cts. each.
Plants in 6-inch pots, 50 cts. each.
Specimens in 11-inch tubs, $1.50 each, including tub.
" 12 " " 3.00 " " "
" 14 " " 5.00 " " "

Ismene (Peruvian Daffodil).

**Hydrangea Jeanne d'Arc.** Large, pure white flowers, produced very freely. 25 cts. and 50 cts. each.

— **Souvenir de Claire.** Somewhat in the style of Otaksa, but with smaller heads of bloom. These, however, are produced in wonderful profusion and are of a bright pink. Strong plants, 50 cts. each.

*For other Hydrangeas see Hardy Shrubs, page* 247.

## ISMENE CALATHINA (Pancratium).

(*Peruvian Daffodil.*)

A grand summer-flowering bulb, producing with great freedom large Amaryllis-like, pure white, fragrant blossoms. Keep the bulbs in a dry, warm place, and plant out in June. Bulbs can be taken up in October, and, after a few weeks' rest, potted and flowered in the house in winter, or kept over for planting out another season. (See cut.) 25 cts. each; $2.50 per doz.

## ISOLEPIS GRACILIS.

A useful plant with graceful, grass-like, dark green, drooping foliage, for vases, baskets or the window garden. 15 cts. each; $1.50 per doz.

## IXORAS.

These are among tke showiest of hothouse flowering plants. The foliage is pretty and attractive, while the flowers, borne in large terminal corymbs, are shaped somewhat like a Bouvardia.

**Acuminata.** Fragrant pure white flowers.
**Coccinea.** Bright red, in very large corymbs.
**Colei.** A distinct white variety.
**Dixiana.** Deep orange in large trusses.
**Duffii.** Deep red.
**Flore lutea.** Very large creamy-yellow flowers.
**Incarnata.** Delicate flesh color.
**Javanica.** Deep orange-red.
**Prince of Orange.** Large orange-red.
**Rosea Splendens.** Bright rose.
**Williamsii.** Reddish-salmon, in large heads.

50 cts. each. Set of 11 varieties for $5.00.

## JASMINUM.

**Grandiflorum** (*Catalonian or Star Jessamine*). Very fragrant white flowers, in bloom almost continuously. 15 cts. each.

**Grand Duke.** Double white, fragrant flowers. 25 cts. each.

**Maid of Orleans.** Creamy-white, fragrant flowers. 25c. each.

**Cape Jessamine.** See Gardenia Florida, page 163.

**Read the Miscellaneous Hints and Suggestions for Amateur Florists on page 127.**

## LAGERSTRŒMIA (Crape Myrtle).

This is one of the prettiest shrubs, and while hardy south of the Potomac, requires protection in this latitude. All, however, that is necessary is to winter the plants in a cellar or similar position where they will be protected from very severe weather. Grown in large pots or tubs, specimens 6 to 8 feet high can be produced with little difficulty, and which for two to three months in the summer will be covered with flowers.

**Indica.** Delicate soft pink. 50 cts. each.

**— Alba.** A white-flowered form. 50 cts. each,

## LANTANAS.

**Alba Perfecta.** Pure white.

**Comtesse de Biencourt.** A fine pink.

**Emile Bayard.** Deep crimson.

**Golden Ball.** Golden-orange.

**Craigi.** Dwarf; rich orange-carmine.

**Delicatissima** (*Weeping Lantana*). A pretty trailing variety suitable for vases, hanging-baskets, etc.; flowers delicate rosy-lavender, and produced very freely.

10 cts. each; $1.00 per doz. Set of 6 sorts, 50 cts.

## LAPAGERIA.

Extremely beautiful ornamental greenhouse climber, producing numerous fine, large, bell-shaped waxy flowers of great substance, lasting a long time in bloom.

**Rosea.** Rich rosy-crimson. $2.00 each.

**Alba.** Pure waxy-white. $2.50 each.

## American Wonder, or Ponderosa Lemon.

This truly wonderful variety has proved itself one of the most valuable of the Citrus family. It is of strong, vigorous growth, producing freely flowers as large as a tuberose and as fragrant as the orange blossom, followed by gigantic fruit, which are not only ornamental but useful for many domestic purposes. Young plants, 15 cts. each; strong plants of fruiting size, 50 cts. each.

## LOBELIA.

**Crystal Palace Compacta.** Rich dark blue, much used for bedding, vases, etc.

**Kathleen Mallard.** Large, double intense blue flowers, distinct and pretty.

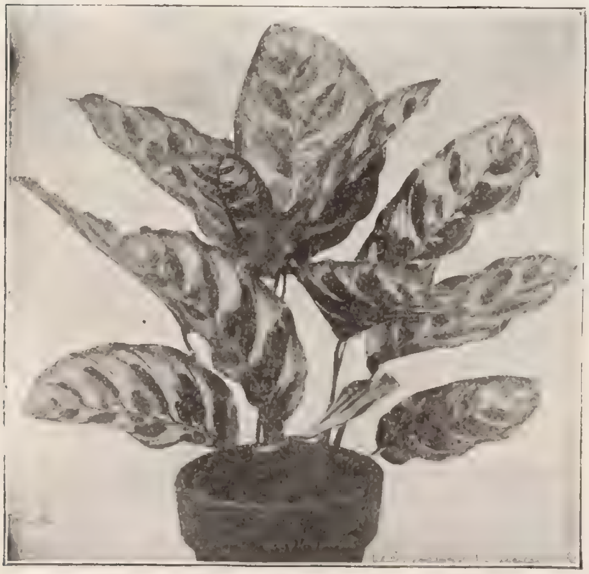
10 cts. each; $1.00 per doz.; $6.00 per 100.

## MANETTIA.

**Bicolor.** The popular Manettia Vine, and a desirable climber, either for the garden or house; long, tubular flowers, bright scarlet, yellow at the tips.

**Cordifolia.** One of the most graceful summer-flowering vines, producing its brilliant crimson flowers from August until frost.

15 cts. each; $1.50 per doz.



Maranta Makoyana.

Lantana.

## MARANTA.

Valuable decorative hothouse plants, remarkable for the richness and beauty of their varied foliage.

| | Each. | | Each. |
|---|---|---|---|
| **Alberti** | $0 50 | **Makoyana** | $0 50 |
| **Amabilis** | 50 | **Masangeana** (True). | 50 |
| **Bachemiana** | 50 | **Medio Picta** | 50 |
| **Bambusæfolia** | 50 | **Mosella** | 1 00 |
| **Bella** | 25 | **Musaica** | 50 |
| **Chantrieri** | 50 | **Oppenheimiana** | 50 |
| **Gouletti** | 75 | **Rosea Lineata** | 75 |
| **Goveniana** | 25 | **Sanderi** | 1 00 |
| **Illustris** | 75 | **Smaragdina** | 50 |
| **Iconifera** | 50 | **Spitzeriana** | 50 |
| **Insignis** | 50 | **Splendens** | 50 |
| **Kerchoviana** | 25 | **Triumphans** | 75 |
| **Kummeriana** | 50 | **Van den Heckei** | 75 |
| **Leopardina** | 75 | **Vittata** | 1 00 |
| **Lietzei** | 50 | **Wallichii** | 50 |
| **Lietzei Superba** | 50 | **Warscewiczi** | 75 |
| **Lindeni** | 1 00 | **Wieti** | 50 |
| **Lubersi** | 50 | **Zebrina** | 75 |

We will furnish one each of the 36 varieties, a grand collection, for $15.00.

## MEDINILLA.

The Medinillas here described are among the most gorgeous tropical flowering plants in cultivation, and most desirable plants for the amateur who has the facilities of a hothouse. They are natives of the Philippines, with handsome, broad, shining, leathery foliage. The plants continue in flower from April to July; the flowers are of a coral-red color, five-petalled, each about an inch across, and are borne in immense pyramidal panicles frequently a foot long, and bearing from 100 to 150 flowers. The branches of the panicles, as well as the large, showy bracts, sometimes four inches long, are of a delicate pinkish color. A large well-flowered specimen is a sight never to be forgotten.

**Magnifica.** Bears its flowers in pendulous racemes. $1.00 each.

**Amabilis.** Identical with the above, except that the racemes of flowers are held erect. $1.00 each.

## METROSIDEROS.

**Floribunda** (*Bottle Brush*). A greenhouse shrub, producing long, cylindrical spikes of bright red flowers; very effective. $1.00 each.

**Strong 2-year-old plants of Roses is one of our Specialties. See pages 175 to 193.**

MILLA BIFLORA.

## MILLA BIFLORA.

**(Mexican "Star of Bethlehem.")**

A most desirable summer-flowering bulb for the garden or pot culture. The waxy flowers are nearly 2½ inches in diameter, pure white and usually borne in pairs; the petals are of great substance, and will keep for days when cut. 5 cts. each; 50 cts. per doz.

## MOSCHOSMA.

**Riparium.** A valuable winter-flowering plant for the decoration of the conservatory or window garden. It is an introduction from tropical South Africa, producing from early in December until late in March dense, feathery, erect panicles of small creamy-white flowers in great profusion. 15 cts. each; $1.50 per doz.

## MUSA.

**Ensete** (*Abyssinian Banana*). The grandest of all Bananas; the leaves are magnificent, long, broad and massive; of beautiful green, with a broad, crimson midrib; the plant grows luxuriantly from 8 to 12 feet high. During the hot summer, when planted out, it grows rapidly and attains gigantic proportions, producing a tropical effect on the lawn or flower garden. (See cut.) Good plants, 30 cts. each; strong plants in 5-inch pots, 50 cts. each; 7-inch pots, $1.00 each.

## NASTURTIUMS.

**Tom Thumb or Dwarf.** To well known to need description. Mixed colors, ready in May and June, 75 cts. per doz.; $6.00 per 100.

## NEPHTHYTIS PICTURATA.

An interesting, ornamental hothouse plant, requiring a moist atmosphere; dark green, pointed, heart-shaped foliage, with fern-like variegations in silvery-white. $1.00 each.

## NEPENTHES (Pitcher Plant).

These interesting plants, with their curious pitchers, require to be grown in a high, moist atmosphere, and in dense shade. The six sorts offered are among the choicest of the genus.

| | EACH. | | EACH | | EACH. |
|---|---|---|---|---|---|
| **Courtii** | $3.00 | **Hookeriana** | $3.00 | **Pattersonii** | $2.50 |
| **Dominiana** | 2.00 | **Mastersiana** | 2.50 | **Sedeni** | 2.00 |

One each of the six sorts for $12.00.

## OLEA FRAGRANS (Sweet Olive).

An old favorite greenhouse shrub, succeeding admirably as a house plant, producing small white flowers of the most exquisite fragrance, continuing to bloom almost the entire winter. 50 cts. and $1.00 each.

## OPHIOPOGON.

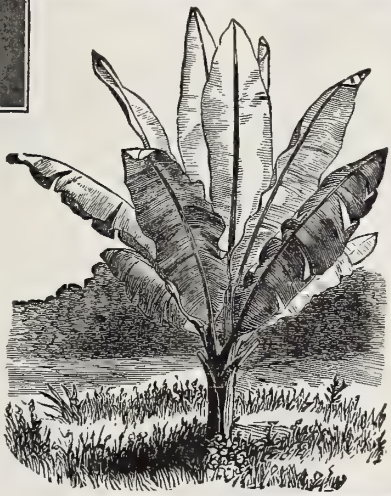
**Jaburan Variegatus.** A pretty variegated foliage plant, useful either as a pot plant for the window or for planting out in summer; its narrow, dark green foliage is prettily striped with gold, and during July and August spikes of blue flowers add to its beauty. 50 cts. each.

## OTAHEITE ORANGE.

The best of the Oranges for pot culture. It is of dwarf, bushy habit, and bears a profusion of fragrant flowers and edible fruit. Young plants, 15 cts. each; strong plants, 50 cts. each.

## PANDANUS (Screw Pine).

Mr. Eben. E. Rexford writes the following cultural note expressly for this book: "This plant—better known as Screw Pine, because of the spiral arrangement of its leaves—is extremely ornamental when well grown. Especially *P. Veitchi*, whose long, gracefully curving leaves are broadly striped with creamy white on a green ground. This variety makes a charming table decoration when its pot is hidden by vines or other greenery. The Pandanus requires about the same treatment as the Dracæna, but is better adapted to culture in the living-room than that plant is."



MUSA ENSETE.

**Graminifolius.** Narrow, dark green foliage; makes a pretty plant for table decoration. 50 cts. each.

**Pacificus.** A rare and beautiful species, with broad, massive, dark green foliage. 3-inch pots, 35 cts. each; 4-inch pots, 50 cts. each; 6-inch pots, $1.50 each.

**Veitchi.** One of the finest decorative plants for the house. See description above.

| | | | | |
|---|---|---|---|---|
| 4-inch | pots, | 12 | inches high.. | 75 cts. each |
| 6 " | " | 18 | " " .. | $1.50 |
| 8 " | " | 30 | " " .. | 3.00 |

PANDANUS VEITCHI.

**Our collection of Hardy Perennial Plants is the most complete in this country. See pages 194 to 243.**

# PALMS, FOR HOME ADORNMENT.

NO collection of plants is complete without Palms. Their bold, majestic, yet graceful, foliage lends a grandeur and magnificence that cannot be obtained by any other class of plants, and no decoration, whether in the conservatory, hall or sitting-room, is complete without them. Our facilities for producing this class of stock are the most complete in the country, 35 of our largest houses—over three acres of greenhouse structure—being devoted to them alone, enabling us to supply all the leading and popular sorts at the most reasonable prices.

## PALM CULTURE, written expressly for this book by Eben E. Rexford:

"In nearly every instance failure with the Palm is not the fault of the plant, but the result of lack of proper treatment.

Most varieties of the Palm—all, in fact, that are adapted to house culture, so far as my knowledge goes—do well in a soil of garden loam, made friable by the addition of sharp sand. The very best of drainage should be given. If it is not, the soil is likely to become heavy, and, after a little, sour, and this will bring on a diseased condition of the roots, which will make itself apparent in yellow foliage and the imperfect development of new leaves. The importance of giving the plant the very best of drainage will be better understood when one takes into consideration the fact that most Palms are kept at some distance from the light a good deal of the time, and under conditions unfavorable to the free evaporation of moisture from the soil. Most plants, too, are kept standing in jardinieres, and these assist in keeping the soil unduly moist—really *wet*, in fact. Often plants are ruined by allowing water to collect in the jardiniere until it comes well up about the pot. Palms are not aquatics, and refuse to flourish when treated as such. If you use a jardiniere, always put something under the pot to keep it out of the water that runs through it. Make it a point to empty the jardiniere two or three times a week. If this is done regularly a great many Palm failures might be prevented.

Another cause of trouble is—poor methods of watering. Some persons apply water daily without regard to the condition of the soil. The consequence is that the plant gets a good deal more water than it needs, and soon its roots become diseased. Others go on the 'little-and-often' plan. That is, they apply a small quantity of water every time they happen to think of it. The result is—the surface is kept moist, while below that the soil may be dry. These represent the extremes of watering. Between them is the 'happy medium,' by which the soil is kept moist, but never allowed to become like mud.

We are often asked to give a rule for watering plants for the benefit of the amateur. There can be no hard-and-fast rule because conditions differ so widely; but it is always safe to wait until the surface of the soil has a dry appearance. Then apply enough water to thoroughly saturate all the soil in the pot, after which wait until the surface takes on a dry look again before applying more. This rule, if rule it can be called, is one that applies to all plants except such as are of aquatic habits.

Because of their decorative qualities Palms, as I have already said, are often used at some distance from the light. If kept standing in dim halls, or the dark corners of a room, they soon suffer. Not so much from lack of light, perhaps, as from the effect that lack of strong light has on the soil. Any soil must have fairly good exposure to light to prevent it from becoming sour. Light not only assists evaporation, but has in it health-giving qualities which are essential to the well-being of all plants as exerted through the medium of the soil, as well as upon the foliage. No plant can long remain healthy if kept away from it. Therefore, if you want your Palms to do well, keep them near the glass most of the time. As soon as they are no longer needed for decorative purposes at your social functions, remove them from the shaded place to which they have been assigned, and give them all the light possible. They do not need sunshine.

When a new leaf appears, apply some good fertilizer to assist it to perfect development. I frequently receive complaints that some leaves have short stalks, and am asked why they do not lengthen like those on the plant when it was bought. Nine times out of ten it is because the plant requires feeding at this growing period. Bonemeal is about the best all-around fertilizer I know of for this class of plants. If it is used whenever a new leaf shows its spike, and the plant is properly cared for in other respects, there ought to be no failure in leaf development. A heaping tablespoonful to each seven or eight-inch pot, at such a time, will generally be sufficient. Dig it in well about the roots. It generally takes some months for a leaf to fully develop, and the plant requires feeding during the entire period.

KENTIA BELMOREANA.

Some persons seem to labor under the impression that it is absolutely necessary to repot their Palms once a year, at least. This is a mistake. Let them alone as long as they are doing well. They do not like to have their roots interfered with. Nutriment can be supplied quite as effectively by means of fertilizers as by giving fresh soil. Many a fine specimen is lost by repotting when it did not need it.

When repotting must be done, disturb the roots as little as possible. Never shake the soil off them, as some advise. Simply lift the plant out of its old pot and set it in the new one, and fill in about it with fresh soil, which can be settled by watering well. Palms do not require large pots if they are well fed.

They should be showered—not simply sprinkled—two or three times a week to keep them clean and prevent the red spider from injuring them.

Scale often attacks the Palm. It will almost always be found on the under side of the leaf. One kind is of considerable size and substance, looking as much like a blister as anything I can think of to compare it to. Another—the commonest variety—has a thin grayish-white, chaffy appearance, and will be found most plentiful along the midrib of the leaflet, and between the stalk and leaves where the latter separates from the bulbous base of the plant. My remedy for scale is this: One pound of good laundry soap and one teacupful of kerosene. Melt the soap, and while it is hot add the kerosene. Stir vigorously until a perfect emulsion takes place. Use one part of this to ten parts of water. Spray the affected portions of the plant with it, or apply it with a soft brush, being sure to get it to all parts of the plant where any scale is to be seen. It is a good plan to go over the entire plant, leaflet by leaflet, applying the mixture with a sponge or soft cloth. Take a leaflet between thumb and finger and draw the cloth or sponge the entire length of it. This will almost always remove the scale, whose hold will be loosened under the effect of the application. After spraying or washing a plant shower it with clear water. No Palm will long remain healthy or look well after being attacked by scale. I am a thorough believer in the theory that prevention is better than cure; therefore, I would advise taking measures to keep it away from one's plants by the frequent use of the emulsion. It is easier to do this than it is to get rid of them after they have established themselves."

# Dreer's Famous Palms.

**Areca Lutescens.** One of the most graceful and beautiful Palms in cultivation; the foliage is of a bright, glossy green, with rich golden-yellow stems.

| | | | |
|---|---|---|---|
| 3-in. pots, | bushy plants, | 12 to 15 inches high | $ .25 each. |
| 6 “ | “ “ “ | 24 to 30 “ “ | 1.50 “ |
| 7 “ | “ “ “ | 36 “ “ | 2.50 “ |
| 9 “ | “ “ “ | 48 “ “ | 7.50 “ |

**Areca Verschaffeltii.** A splendid Palm, with finely-divided pinnæ of deep green color with yellowish midrib.

| | |
|---|---|
| 3-in. pots, 15 ins. high, 50c. each | 6-in. pots, 30 ins. high, $2.50 each. |
| 4 “ “ 18 “ “ $1.00 “ | 8 “ tubs, 36 “ “ 5.00 “ |

**Arenga Sacharifera.** In a large specimen this is a most striking and attractive Palm. The ends of the leaves have a cut appearance, like those of the Fish-tail Palm, and of a rich deep green color. 6-inch pots, 30 inches high, $2.50 each; 8-in. pots 4 feet high, $5.00 each.

**Calamus Ciliaris.** A rare and interesting Palm from Java, of climbing habit; useful in the warm conservatory. 4-inch pots, $5.00 each.

**Caryota Urens** (*Fish-Tail Palm*). An interesting species, with the ends of the leaves formed somewhat like the dorsal fin of a fish. 3-inch pots, 8 inches high, 25 cts. each; 4-inch pots, 15 inches high, 50 cts. each; 6-inch pots, 30 inches high, $2.00 each.

**Cocos Plumosus.** Extensively used in California and Florida for outdoor planting. Large plants, 6 to 7 feet high, $10.00 each; 8 to 10 feet high, $15.00 each.

**Cocos Weddeliana.** The most elegant and graceful of all the smaller Palms. Its slender, erect stem is freely furnished with its gracefully arching leaves, of a rich green color. Admirable for fern dishes, as they are of slow growth and maintain their beauty for a long time.

**Young plants** in 3-inch pots, 25 cts. each.

**Specimens** in 5-inch pots, 18 to 24 inches high, $1.50 each.

**Large specimens** in 7-inch pots, 24 to 30 inches high, $3.00 each; in 8-inch pots, 30 to 36 inches high, $5.00 each.

Cocos Weddeliana.

**Deckeria Nobilis.** A very rare Palm, with narrow, divided pinnæ of a light green color, the stems closely protected with long, light-colored spines; requires a close, high temperature. 3-inch pots, $2.50 each.

**Kentia Belmoreana.** The Kentias are the hardiest Palms in cultivation. They are of slow growth, and are less affected by the dust and dry atmosphere of the house than any others. The variety here offered is of dwarf, spreading habit, with fine rich dark green foliage. See illustration on opposite page.

| | | | |
|---|---|---|---|
| 3-in pots, | 4 to 5 leaves, | 12 inches high | $ .25 each. |
| 4 “ “ | 5 to 6 “ | 15 “ “ | .60 “ |
| 5 “ “ | 6 “ | 18 to 20 inches high | 1.00 “ |
| 6 “ “ | 6 “ | 24 to 30 “ “ | 2.00 “ |
| 7 “ “ | 6 to 7 “ | 30 “ “ | 3.00 “ |
| 8 “ “ | 6 to 7 “ | 36 “ “ | 5.00 “ |
| 8 “ “ | 7 to 8 “ | 48 “ “ | 7.50 “ |

**Kentia MacArthuri.** A tall-growing species, with rather broad pinnæ, the ends of which are irregular in outline, a good plant for the cool conservatory. 3-inch pots, 12 inches high, 35 cts. each; 6-inch pots, 36 inches high, $2.50 each.

**Kentia Sanderiana.** A new and rare Palm of elegant and graceful habit, with narrow pinnæ in gracefully arching leaves of bright green. 5-inch pots, 24 inches high, $1.50 each.

**Kentia Wendlandiana.** A very strong-growing species, with large, heavy foliage, the ends of the pinnæ cut like the Fish-tail Palm; quite rare. 8-inch pots, $4.00 each.

**Kentia Forsteriana.** This splendid variety is very similar to K. Belmoreana, but of stronger growth, with broader, heavier foliage.

| | | | |
|---|---|---|---|
| 3-in. pots, | 3 to 4 leaves, | 12 inches high | $ .25 each. |
| 4 “ “ | 4 to 5 “ | 15 “ “ | .50 “ |
| 6 “ “ | 5 to 6 “ | 24 “ “ | 1.50 “ |
| 6 “ “ | 6 to 7 “ | 30 “ “ | 2.50 “ |
| 8 “ “ | 6 to 7 “ | 42 “ “ | 5.00 “ |
| 10 “ tubs, | 6 to 7 “ | 60 “ “ | 10.00 “ |
| 12 “ “ | 6 to 7 “ | 72 “ “ | 20.00 “ |
| 12 “ “ | 6 to 7 “ | 84 “ “ | 25.00 “ |

Large specimen plants, $50.00 and $75.00 each.

Areca Lutescens.

**PALMS are continued on page 170.**

# Dreer's Famous Palms.

*(Continued.)*

**Kentia Forsteriana** (*Made-up Plants*). These are specimens made by planting three plants together; very useful decorative specimens.

| INCH TUBS. | HEIGHT. | EACH. | INCH TUBS. | HEIGHT. | EACH. |
|---|---|---|---|---|---|
| 7 | 36 inches | $3 50 | 8 | 4 feet | $10 00 |
| 7 | 38 " | 4 00 | 9 | 4½ " | 12 50 |
| 8 | 40 to 42 " | 6 00 | 10 | 5 " | 15 00 |
| 8 | 42 to 45 " | 7 50 | 12 | 5½ " | 20 00 |
|  |  |  | 14 | 6 " | 25 00 |

**Latania Borbonica** (*Chinese Fan Palm*). This is the popular fan-leaved variety.

3-inch pots, 4 to 5 leaves, 12 inches high........ $0 25 each.
4 " 5 to 6 " 15 " " ........ 50 "
6 " 6 " 20 " " ........ 1 00 "
8 " 6 to 7 " 24 " " ........ 2 50 "

**Latania Commersoni, or Rubra.** A splendid Palm for the warm conservatory, with fan-shaped leaves on long footstalks, of a bright red, as are also the ribs of the leaves, which are particularly bright in the young state. 4-inch pots, $2.00 each.

**Latania Loddigesii.** Large, bright green fan-shaped leaves, with a glaucous line tinged with red in the young state, leaf-stalks chocolate-colored; requires a warm, moist atmosphere. 4-inch pots, $2.00 each.

**Livistona Rotundifolia.** A miniature fan-leaved Palm, which, in a finished specimen, makes almost a globular plant. Thrifty young plants in 3-inch pots, 25 cts. each; 4-inch pots, 50 cts. each; 5-inch pots, 75 cts. each.

**Nephrosperma Van Houtteanum.** A handsome hothouse Palm, with long, graceful leaves and narrow pinnæ, bright glossy green above, glaucous underneath; leaf-stalks chestnut-brown, armed with long, black spines. 3-inch pots, $2.50 each.

**Phœnix Canariensis.** One of the hardiest of the Date Palms, with dark green, feathery foliage; of strong growth, and is especially valuable for outdoor decoration, as it stands sun and wind without the least damage, even in exposed situations.

8-inch tubs, 30 inches high.................... $3 00 each.
8 " 36 " " .................. 4 00 "
10 " 3½ feet " .................. 6 00 "

Phœnix Roebelenii

Livistona Rotundifolia.

**Phœnix Roebelenii.** The most graceful of the Phœnix, and a Palm which has become popular for room decoration. The plant is of vigorous growth, and its gracefully recurving leaves, with very narrow dark green pinnæ, give it a lightness and airiness not surpassed, if equalled, by Cocos Weddeliana; at the same time it is as hardy as a Kentia, succeeding admirably as a house plant.

3-inch pots, 6 to 8 in. high, nicely characterized, $0 35 each.
4 " 10 " " " 75 "
5 " 15 " " " 1 50 "
Specimens in 6-in. pots, 1½ feet high, 2 feet spread, $ 3 00
" " 8 " tubs, 2 " 2½ " " 6 00
" " 12 " " 2½ " 3 " " 15 00
" " 14 " " 3 " 4½ " " 50 00
" " 15 " " 3 " 6 " " 75 00

**Phœnix Rupicola.** A very handsome species, with long, gracefully arched foliage of rich, deep glossy green.

5-inch pots, 12 inches high .................... $0 75 Each.
6 " 18 " " .................... 2 00 "
8 " 24 " " .................... 3 50 "

**Rhapis Flabelliformis.** An interesting Japanese Palm, a most serviceable species on account of its extreme hardiness.

7-inch pots, 3 to 4 stems, 24 inches high ........ $3 00 each.
7 " 4 " 26 to 28 inches high .... 4 00 "

**Roscheria Melanochætes.** A rare hothouse Palm, with leaves 3 to 5 feet long, with unequally divided light green pinnæ, pale green stems with black spines at the base. 3-inch pots, $2.00 each.

**Stevensonia Grandifolia.** It is only at rare intervals that we are able to offer this interesting and beautiful stove Palm. 4-inch pots, $3.00 each.

**Thrinax Barbadensis.** A pretty and graceful form of this attractive fan-leaved Palm. 7-inch pots, 24 to 30 inches high, $5.00 each.

**Thrinax Parviflora.** Deep green, deeply cut fan-shaped foliage. 4-inch pots, 15 inches high, $1.50 each.

**Thrinax Radiata.** A pretty fan-leaved variety, with small, deeply cut foliage. 3-inch pots, 50 cts. each.

**Verschaffeltia Splendida.** A showy variety, which requires a high, moist atmosphere to grow well; large, bright green foliage, deeply cut on the edges; very spiny, especially in the young state. 4-inch pots, $3.00 each.

HOW TO GROW PALMS is told on page 168.

Type of our Royal Exhibition Pansy.

## ROYAL EXHIBITION PANSIES.

The plants here offered are grown from our own choicest strain of seed, and for size of bloom, richness of coloring and texture will be found unsurpassed by any other strain. 60 cts. per doz.; $4.00 per 100.

## PANAX.

Pretty shrubby plants for the warm conservatory, of neat, compact growth.

**Balfouri.** Bold foliage of rich ivy-green, abundantly splashed with creamy-white, the edge of the leaf entirely white. 50 cts. each.

**Gracillima.** Deep green, deeply-cut foliage. 50 cts. each.

**Monstrosum aureum.** Deep green foliage with delicate golden-green variegation. 50 cts. each.

**Victoriæ.** Small, finely-cut foliage of light green with white variegation. 25 cts. each.

## PASSIFLORA (Passion Flower Vine).

Attractive climbers, covering a large space in a remarkably short time, and bearing their exquisitely-formed flowers freely throughout the summer and fall. The first two sorts in the list below are sometimes included with hardy climbers, but do not stand out with us.

**Constance Elliott.** Pure white, a slight coloring at base of petals. 15 cts. each; $1.50 per doz.

**Incarnata.** White tinted lilac; light purple coronna. 15 cts. each; $1.50 per doz.

**Pfordti.** This we consider the best of all. Its beautiful flowers are borne freely, even on quite small plants. They are of a rich shade of blue, suffused with rose. 15 cts. each; $1.50 per doz.

**Princeps.** This is one of the best greenhouse climbers, a rare and showy variety with bright red flowers. 50 cts. each.

## PAULLINIA.

**Thalictrifolia.** A very pretty climbing plant for the conservatory or window, with finely divided fern-like foliage. 25 cts. each.

## PELARGONIUMS (Lady Washington Geraniums).

The six varieties offered below are a choice selection of distinct colors.

**Crimson King.** An intense rich crimson.

**Duke of Cornwall.** Reddish crimson, bordered with light salmon.

**Linda.** Clear salmon, feathered and blotched maroon in the upper petals.

**Mme. Thibaut.** White, richly blotched and marked with rose, the upper petals marked with crimson-maroon, with large white centre.

**Mrs. R. Sandiford.** Pure glistening snow-white.

**Sandiford's Best.** Beautiful shade of pink, surrounded with a deep band of pure white, and large white throat.

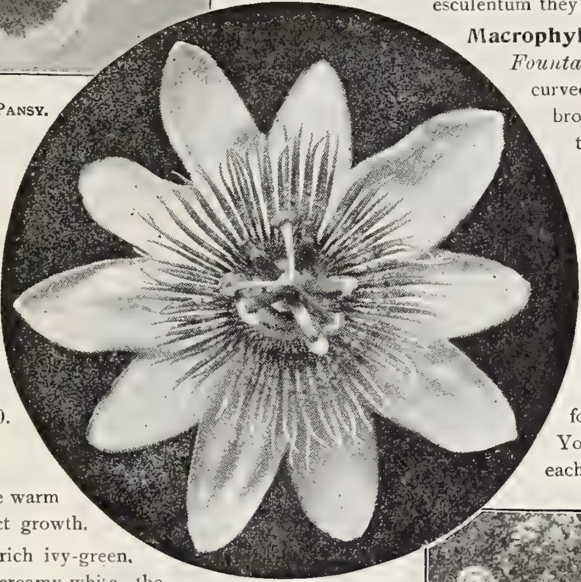
20 cts. each; $2.00 per doz. Set of 6 varieties, $1.00.

## PENNISETUM (Fountain Grass).

Tender ornamental grasses and valuable additions to the list of bedding plants, and as a border to a bed of Cannas or Caladium esculentum they stand in a class by themselves.

**Macrophyllum Atrosanguineum** (*Crimson Fountain Grass*). Foliage gracefully recurved, of a pleasing dark metallic, coppery-bronze, which far surpasses in richness the finest of the bronze-leaved Cannas; attains a height of about 4 feet, the ends of the shoots being terminated by tawny crimson plumes, 10 to 12 inches long. Ready April 15th. 15 cts. each; $1.50 per doz.; $10.00 per 100.

**Rueppelianum** (*Purple Fountain Grass*). Grows about 3 feet high, producing long, graceful green foliage and cylindrical-purplish plumes. Young plants, ready in May, 10 cts. each; $1.00 per doz.; $6.00 per 100.



Passiflora Pfordti.

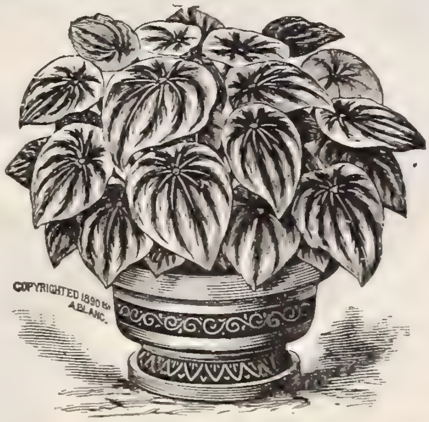
Crimson Fountain Grass (Pennisetum).

Seed of Royal Exhibition Pansies as well as other fine strains is offered on page 108.

Dreer's Double-fringed Petunia.

## PEPEROMIA.

**Maculosa.** A pretty, dwarf, ornamental foliage plant, the thick leaves being bright green, veined silvery-white; exceedingly useful as a pot plant for the window. 25 cts. each; $2.50 per doz.


COPYRIGHTED 1890 BY A. BLANC.

Peperomia Maculosa.

## Dreer's Superb Double-fringed Petunias.

For many years we have made a specialty of Double Petunias. We have discarded the plain edge sorts, as the fringed and laced varieties listed below are very much superior.

**Achille.** Bright purplish-crimson, mottled white.

**Admiration.** Bright reddish-violet, tipped and mottled white.

**Artus.** Bright solferino-red.

**Comet.** Dark tyrian-rose; a fine self-color.

**Lovely.** White mottled bright mauve.

**Magnificent.** Bright rosy-magenta, mottled with white.

**Meteor.** Pure mauve, occasionally mottled white.

**Paragon.** Light violet-rose, mottled white.

**Rufus.** Pure white, mottled deep tyrian rose.

**Snowball.** Finely fringed white.

**Striking.** Reddish-violet, tipped and mottled white.

**Superba.** Violet-rose, shading lighter at edges.

**Price:** 15 cts. each; $1.50 per doz. Set of 12 sorts, $1.50.

**Single Large-flowering Petunias.** Mixed seedlings (ready April 1st), 10 cts. each; $1.00 per doz.; $6.00 per 100.

## PHILODENDRON, OR MONSTERA.

**Spectabilis.** An interesting hothouse plant with large heart-shaped dark green leaves, with light veins. $1.00 and $2.00 each.

**Pertusum.** A hothouse plant of climbing habit, with large, perforated leaves of grotesque appearance. $1.00 and $2.00 each.

**Acuminatum.** A small-leaved, climbing species. 50 cts. each.

## PHORMIUM TENAX VARIEGATA.

A pretty form of the New Zealand Flax; useful in sub-tropical bedding, sword-like leaves green, striped with creamy-white. Strong plants, $1.00 each.

## PHYLLANTHUS.

**Speciosus.** Similar in appearance to some of the narrow-leaved warm house Aralias, but of quicker growth. A pretty decorative plant. 50 cts. each.

## PHYLLOTÆNIUM.

**Lindeni.** A handsome hothouse plant of easy culture, with attractive light green hastate leaves, the broad rib and veins creamy-white. 75 cts. each.

**Lindeni Magnificum.** A variety with much larger leaves and with the variegation more decided in color. $1.00 each.

## PIPER.

**Metallicum.** A pretty foliage plant for the warm conservatory, with thick, round leaves of deep metallic green. 50 cts. each.

## PLUMBAGO.

**Capensis.** Light lavender-blue.

**— Alba.** Color creamy-white.

**Coccinea Superba.** Long racemes of showy, brilliant, bright satiny-carmine flowers.

15 cts. each; $1.50 per dozen

## POTHOS ARGYRÆA.

A pretty hothouse climber, with deep green foliage, nicely variegated with silvery-white. 25 cts. each.

## RHYNCHOSPERMUM.

**Jasminoides** (*Maylayan Jasmine*). A climbing plant which succeeds admirably in the conservatory or window garden; grown as a pot plant and trained on a trellis, it produces during the spring months in great abundance delicate pure white flowers of entrancing perfume. 25 cts. each.

## RICINUS.

(Castor Oil Plant.)

Handsome tropical-looking plants for centres of large beds, etc. Green and bronze-leaved sorts, ready in May and June, 10 cts. each; $1.00 per doz.; $8.00 per 100.

Plumbago Capensis.

Our collection of Hardy Perennial Plants is the most complete in this country. See pages 194 to 243.

## RUSSELIA.

**Lemoinei multiflora.** A useful basket or vase plant of graceful, drooping habit, and producing freely bright coral-red, tubular flowers. 10 cts. each; $1.00 per doz.

## SALVIA.

**Bonfire** (*Scarlet Sage*). This is one of the finest of the Scarlet Sages, growing in a compact bush about 2 feet high. Its erect spikes of brilliant scarlet flowers stand clear above the dark-green foliage and completely cover the plant. One of the most effective and gorgeous bedding plants in cultivation. Ready April 15th. 10 cts. each; $1.00 per doz.; $8.00 per 100.

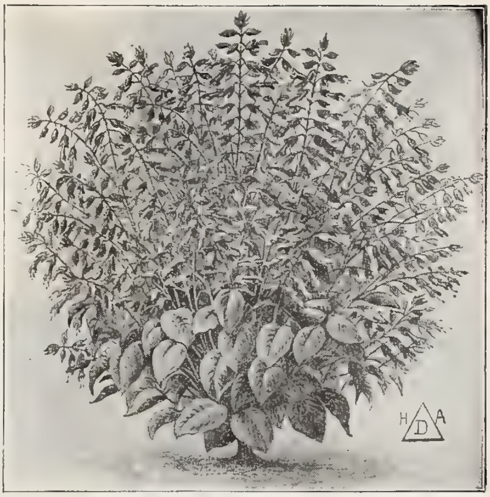
**Patens** (*Blue Sage*). One of the richest blue flowers grown; not suited for bedding like the preceding, but very attractive in the mixed border. 15 cts. each; $1.50 per doz.

## SANCHEZIA NOBILIS.

An attractive foliage plant, with large, dark green leaves with creamy-yellow variegation. 25 cts. each.

## SANSEVIERA ZEYLANICA.

An elegant variegated plant, especially adapted for house decoration, the thick, leathery leaves standing the heat and dust of the house with impunity. 15 cts each; $1.50 per doz.



SALVIA BONFIRE (Scarlet Sage).

## SCHISMATOGLOTTIS.

**Picta.** A handsome decorative plant and a fine plant for the house, somewhat on the style of growth of the Dieffenbachias, but more vigorous; foliage deep green, with greyish-white markings. 50 cts. each.

## SENECIO SCANDENS.

(Parlor, or German Ivy.)

This well-known, tender climber is indispensable as a vase, basket or window-box plant in the summer, and the best vine for the window-garden at all seasons. 10 cts. each; $1.00 per doz.

## SMILAX.

Too well known to require any description. One of the most valuable plants for bouquets, wreaths, festoons and decorations. 10 cts. each; $1.00 per doz.; $6.00 per 100.

STIGMAPHYLLON CILIATUM.

## SOLANUM.

**Jasminoides Grandiflorum.** A beautiful plant, which inclines to a trailing or climbing habit, but can be pinched back to a bush form. Flowers star-shaped, borne in enormous clusters, often a foot across. Color pure white, with a violet tinge on back of petals; a fine bloomer both summer and winter. 15 cts. each; $1.50 per doz.

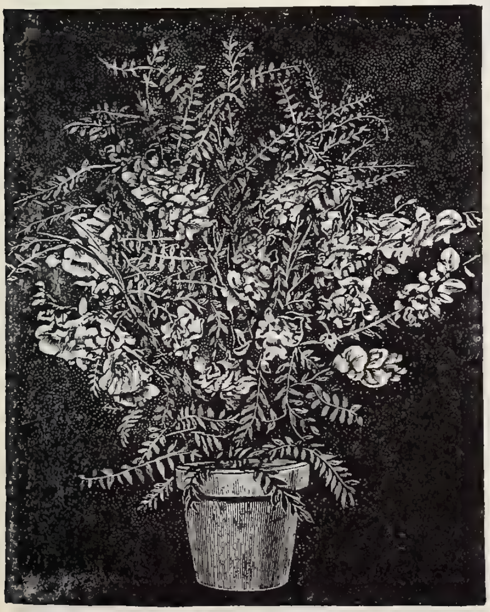
## SONERILA.

Dwarf-growing hothouse plants, with beautifully variegated foliage.

**Argentea** Olive-green freely marked with silvery-white.

**Metallica.** Dark green with metallic-brown markings.

50 cts. each.



SWAINSONA.

## SPATHIPHYLLUM.

**Pictum.** A hothouse plant, much on the type of Dieffenbachias, foliage dark green with golden variegations. 75 cts. each.

## SPHÆROGYNE.

**Latifolia.** A magnificent hothouse decorative plant, with large dark green foliage; a striking exhibition plant. $1.00 each.

## STEPHANOTIS.

**Floribunda.** One of the most charming hothouse climbers, growing rapidly, with long, glossy, deep green foliage, and producing clusters of pure white, deliciously fragrant flowers. Extra strong plants, $1.00 and $1.50 each.

## STIGMAPHYLLON CILIATUM.

(Brazilian Golden, or Orchid Vine.)

One of the prettiest tender climbers in cultivation, with large yellow, orchid-like flowers, produced very freely during the summer months. It is especially adapted for training over the pillars or on the wall of a conservatory, but will do equally well in the open air. 25 cts. each; $2.50 per doz.

## SWAINSONA.

**Galegifolia Alba.** A most desirable everblooming plant, with pure white sweet pea-like flowers, produced in sprays. Its easy culture, freedom of bloom, and the grace and beauty of the flower and plant, make it popular. 15 cts. each; $1.50 per doz.

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**The Hints and Suggestions given on page 127 should be of service to the amateur.**

Excelsior Double Pearl Tuberose.

## VALLOTA PURPUREA (Scarborough Lily).

A valuable free-flowering summer and autumn-blooming Amaryllis; color rich red. It does well planted in the open ground in May, and when in bud can be potted and removed for conservatory or window decoration. It is one of the few really good window plants. 25 cts. each; $2.50 per doz.

## VINCA.

**Major Variegata** (*Variegated Periwinkle*). One of the very best plants for vases and for trailing over the edges of window boxes, etc. Leaves glossy green, broadly margined creamy-white; blue flowers. 15 cts. each; $1.50 per doz.

## VERBENAS.

**Mammoth.** We have a nice collection of 12 sorts in all the best colors. 75 cts. per doz.; $5.00 per 100.

**Lemon** (*Aloysia citriodora*). Every garden should have a few plants of this fragrant favorite. Its pale green foliage goes well with any flower. 10 cts. each; $1 00 per doz.

## VIOLETS.

**Lady Hume Campbell.** A fine double blue.

**Marie Louise.** Deep blue; double.

Vinca Major Variegata.

**Swanley White.** Double, pure white

**Princess of Wales.** A large-flowering single variety, of rich but soft violet blue; much easier to grow than the double sorts, and amateurs would do well to confine themselves to this variety.

Good young plants, 10 cts. each; $1.00 per doz.; $6.00 per 100.

## ZEPHYRANTHES.

(Zephyr Flower, or Fairy Lilies.)

Beautiful dwarf, bulbous plant, very effective for masses or borders, flowering with great profusion during the summer. They are also suitable for pot culture. 6 bulbs clustered in a 6-inch pot in the autumn will give a fine display during the winter; 8 inches high.

**Alba.** Pure white. 5 cts. each; 50 cts. per doz.; $3.50 per 1 0.

**Rosea.** Large rose-colored. 5 cts. each.; 50 cts. per doz.; $3.50 per 100.

## ZINNIAS.

(Youth and Old Age.)

**Improved Large-flowering Dwarf.** A fine strain of this popular summer-flowering annual, growing about 2 feet high, with large flowers in a great variety of colors. Mixed colors, ready in May and June, 50 cts. per doz.; $4.00 per 100.

## TIGRIDIAS.

(Tiger, or Shell Flower.)

These gorgeous summer-flowering bulbs look well associated with Gladioli, Lilies and kindred stock; grow about 1½ feet high, and flower freely throughout the summer. They require the same treatment as Gladioli, and should be lifted in autumn and dried off in the same way.

**Conchiflora.** Golden-yellow, spotted crimson.

**Pavonia Grandiflora.** Bright crimson, centre spotted with yellow.

**Grandiflora alba.** Ivory-white, yellow centre, spotted with crimson.

**— Lilacina.** Rosy-purple with white variegation.

5 cts. each; 40 cts. per doz.; $3.00 per 100.

## TUBEROSES.

One of the most delightfully fragrant and beautiful of the summer-flowering bulbs. By skilful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border plant about the middle of May, or as soon as the ground becomes warm.

**Excelsior Double Pearl.** Extra large bulbs, 3 for 10 cts.; 25 cts. per doz.; $1.50 per 100. If wanted by mail, add 12 cts. per doz. extra.

**Variegated-leaved.** Leaves striped, flowers single. 5 cts. each; 50 cts. per doz. By mail, 10 cts. per doz. extra.

Zephyranthes Rosea.

## DREER'S SPECIALLY PREPARED

# Roses for the Garden.

While many of our customers are familiar with the grade of Roses which we send out, we wish to direct the attention of those who have never planted our stock to the manner in which these plants are prepared. The bulk of our Roses are what are known as field-grown plants; that is, the plants have been cultivated in fields during the growing season of 1910. In fall they were carefully dug, planted in pots and stored in cold greenhouses, where artificial heat is only used to exclude severe frost. Under this treatment the plants develop in the most natural way, and are much superior to stock which has been forced in a high temperature into an unnatural and weakened growth, and at the same time they must not be confounded with the comparatively worthless Holland-grown Roses, which are sold so cheaply in a dormant condition each season. Our Roses are either home-grown or grown for us in England or Ireland by specialists who have made a life-study of the Rose, a very large percentage of the Hybrid Teas and Hybrid Perpetuals having been received from the famous nurseries of Messrs. Dickson & Sons, Belfast, Ireland. Most of these plants are budded or grafted, and while some planters prefer stock grown on their own roots on account of the liability of budded plants to throw up suckers, this will rarely occur if the deep planting as directed below is followed, and if a wild shoot should appear it is readily distinguished by its seven small leaves instead of the usual five, and removed close to the root. Much can be said in favor of budded plants, being more vigorous, producing finer blooms, come into bearing sooner, and are just as permanent and hardy as those on their own roots.

## HOW TO GROW ROSES.

**SITUATION.**—Good Roses may be grown in almost any soil and position; but if the highest quality is desired, it is necessary to select an open, sunny position, sheltered from north winds, and clear of all roots of trees and shrubs.

**PREPARATION OF THE BEDS.**—Roses will grow and give good returns in any fertile, well-drained ground; but it is worth while to use some care in the preparation of the beds, as the general health of the plants, quantity and quality of bloom usually more than repays the extra care expended on this detail. The best soil for Roses is sod from an old pasture and well-rotted cow manure. Dig out the bed to a depth of two to three feet, and, if drainage is imperfect, it must be provided for. Fill in with a mixture of soil and manure as above. It is best to make the beds some time in advance of planting, to allow time for settling. After the soil is settled, it should be about an inch below the level of the adjacent surface; make the beds not over three and a half feet wide, which enables you to pick the blooms without stepping on the bed.

**PLANTING AND SUMMER CARE.**—The ideal time to plant is in the spring, just after danger from frost is past.

Tea and Hybrid Tea varieties can be set 18 inches apart, Hybrid Perpetual two feet apart, and both eight inches from the edge of the beds. When the plants are supplied in pots, they should be set so that the ball of earth is about two and one-half inches below the level of the ground. Firm the soil well around the plants, and give a thorough watering if the soil is dry. Throughout the summer the surface of the bed should be cultivated weekly. If this is done, watering will be unnecessary. There is no better mulch than dry, loose soil.

**PRUNING.**—About the end of October, it is well to cut back to about three feet all the canes of the strong-growing sorts. This prevents them from being whipped by the winter winds, which, unless staked, would loosen and break the tender feeding roots. The principal pruning should be done in spring, beginning with the Hybrid Perpetuals in March.

If quantity of bloom for garden effect is the object sought, then four or five canes may be left three feet in length, and all very old or weak growth cut away entirely. After the plants are through blooming, the canes should be shortened back at least one-half to enable the plants to make a strong growth for the next season of bloom.

If quality is desired, all weak growth should be removed, and the remaining canes cut back in proportion to their development, the weaker ones to about four inches from the root, and stronger ones eight to nine inches. All canes should be cut off about a quarter of an inch above an outside bud. By doing this, the plant will grow in an open head, as the buds usually grow in whatever direction they first take. Roses, pruned in this way, require no staking up, and will need no summer pruning, the cutting of the flowers with good stems being sufficient.

Everblooming Tea sorts are best not pruned until they show evidence of growth, indicated by the buds beginning to swell. By that time dead or unhealthy wood is readily detected, making it easy to see what should be cut away and what should be retained. They do not need such severe pruning as that described for the Hybrid Perpetuals, and all wood that looks promising may be left on.

Climbing Roses require no pruning beyond cutting out the very old or dead wood and the shortening of the laterals and canes to make the growth conform to the space to be covered.

**WINTER PROTECTION.**—In the latitude of Philadelphia a covering of three or four inches of manure or leaves over the entire bed is sufficient. In colder latitudes, draw the leaves up around the stems six or eight inches higher, and in very cold places earth them up and protect with corn stalks or evergreen boughs. For Tea Roses a good plan is to put a temporary fence of twelve-inch chicken wire netting around the bed, filling in loosely with leaves, with a little earth or some branches over all to prevent them from blowing away.

**ENEMIES.**—When grown under favorble conditions, Roses are not so apt to be attacked by insect pests and other troubles as they are if half starved and otherwise neglected. Our own experience shows that a weekly application of Bordeaux Arsenate of Lead Mixture at the rate of eight ounces to five gallons of water, applied with a whisk broom, or any sprayer that will reach the under side of the foliage, beginning at the time that the plants have developed into active growth, and continued throughout the season, will keep them free of almost all insect pests, as well as fungous diseases. It may be necessary to supplement this treatment with several applications of any tobacco solution, or tobacco dust, for green-fly or aphis, which may appear during the growing season.

# Hardy Everblooming Hybrid-Tea Roses.

For Garden-culture the Hybrid-Tea Roses are rapidly taking the foremost rank. They have been produced by crossing the free-flowering Tea Roses with other varieties, principally of the June-flowering or Hybrid Perpetual classes, thus combining not only the free-flowering habit of the Tea Rose with the rich and varied colors of the other classes, but also comparative hardiness, all of the varieties listed standing the winter with protection as recommended in the cultural notes on page 175 of this book.

The greatest efforts of the world's most noted Rose-specialists during the past quarter of a century have been devoted to this class of Rose, and the results achieved have been really wonderful. Not only is every color known in Roses now represented, but there are many beautiful shades and color combinations not found in the other types.

At our Nurseries, Riverton, N. J., we have trial beds containing nearly 500 varieties of Hybrid-Tea Roses alone, embracing all of the standard varieties as well as the latest introductions. An inspection of these is at all times interesting, and especially so during the height of the Rose season, usually from the middle of May until the beginning of July.

We list this season 108 varieties of Hybrid-Tea Roses. These, with the exception of a very few of the latest introductions, are all varieties which we have found from actual test in the trials noted above to be sorts of superior merit and especially adapted to our climatic conditions, each and every one a perfect gem in its particular color and form.

# Dreer's "International" Collection of Hardy Everblooming Hybrid-Tea Roses.

In selecting three Roses to illustrate on our annual color plate it was not with any thought of offering an international collection that we selected one each of the noted introductions of an American, French and Irish specialist; in fact, the international combination did not occur to us until after the artist had completed his work.

In making these selections we carefully study the various varieties in our trial grounds, selecting such sorts which appear to combine in the highest degree vigorous growth, hardiness, freedom of bloom and most decided colors, form and fragrance. We have reason to believe that the three varieties selected this year, all of which have been under careful observation for two and three years, both in our own trial grounds as well as with other growers under varying conditions of soil and climate, is one of the best we have ever offered.

## American Introduction, MY MARYLAND.

Unquestionably the finest introduction of the veteran American rosarian, Mr. John Cook. A Rose which has proven equally valuable as a forcing rose for cut flowers under glass in winter and for outdoor cultivation. The plant is of strong, vigorous growth, very free-flowering, every shoot bearing one or more flowers, which are double, of perfect form, of a bright but tender salmon-pink, which lightens up beautifully as the flower expands, strongly and delightfully fragrant. An ideal bedding Rose. Strong two-year-old plants, 75 cts. each; $7.50 per doz.; $60.00 per 100.

## French Introduction, MRS. AARON WARD.

Very few Roses in our trial grounds during the past two years have attracted as much attention throughout the season as this beautiful introduction of M. Pernet Ducher, which in color is a distinct shade of Indian-yellow, which, as the flower expands, shades lighter towards the edges, making a splendid color combination, which is more decided in dry than wet weather; the yellow shadings sometimes disappearing almost entirely in extended periods of wet, cold weather. The plant is of compact but vigorous growth and one of the freest flowering varieties in our collection, it rarely being out of flower. Strong two-year-old plants, 75 cts. each; $7.50 per dozen; $60.00 per 100.

## Irish Introduction, GEORGE C. WAUD.

A remarkably distinct and beautiful variety, and possessing a shade of color hitherto unknown among Roses, glowing orange-vermilion that does not fade. The flowers are large, full and of perfect form, with pointed centre and highly tea-scented. The plant is of vigorous growth and very free-flowering. Awarded a Gold Medal by the National Rose Society of England. One of Dickson's choicest introductions. Strong two-year-old plants, $1.00 each; $10.00 per doz.; $75.00 per 100.

One strong two-year-old plant of each of the three sorts for $2.25.

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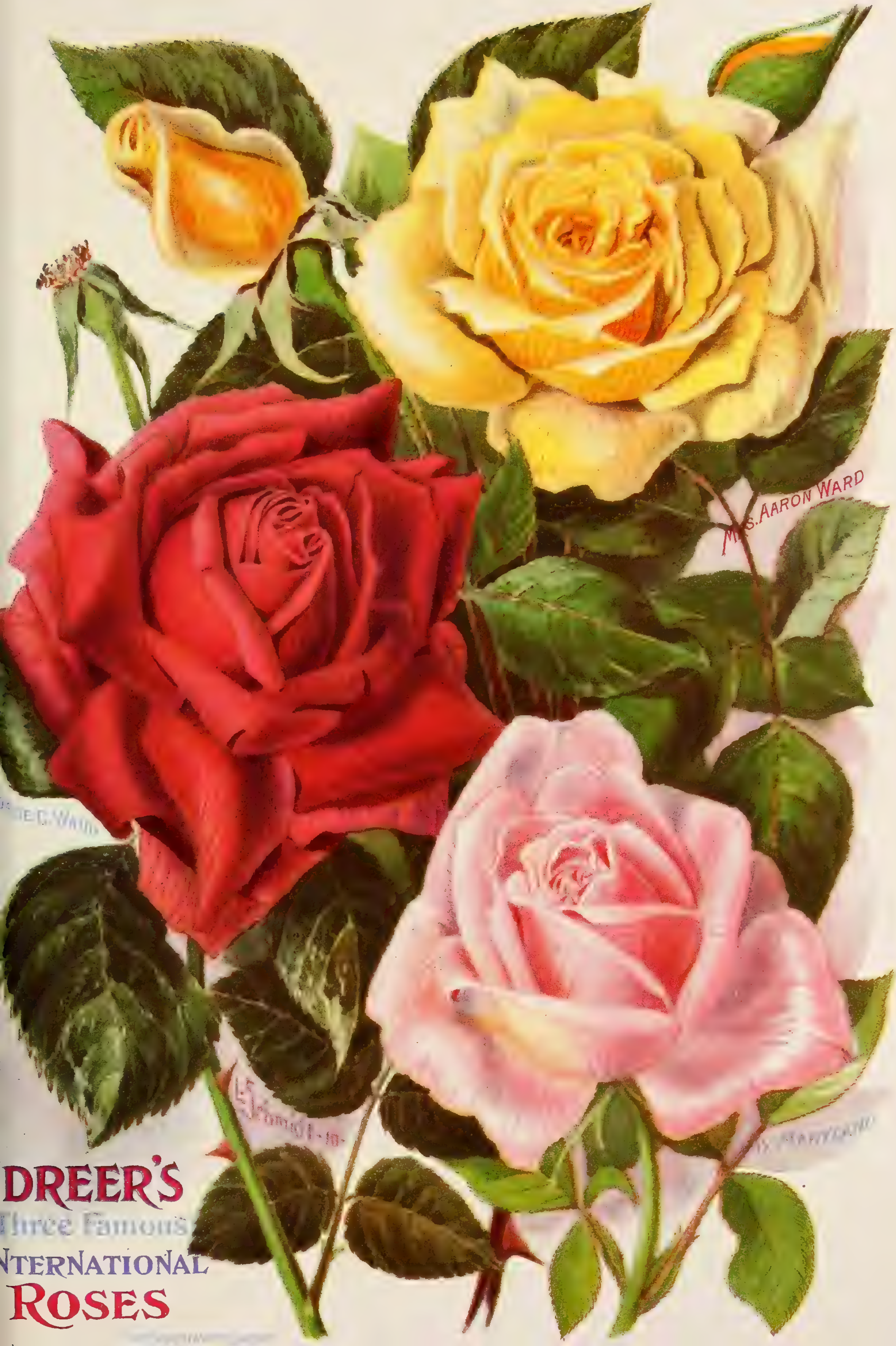

MRS. AARON WARD
IE C. WARD
MY MARYLAND
DREER'S
Three Famous
NTERNATIONAL
ROSES

DREER'S
HARDY EVERBLOOMING
HYBRID TEA ROSES
(See opposite page)
Richmond
Lady Ashtown
Killarney
Königin Carola
Mme. Ravary

# "THE DREER DOZEN"

# Hardy Everblooming Hybrid-Tea Roses

This collection of twelve Roses embraces only popular, well tried varieties, the majority of which are familiar to every lover of the Rose, and is recommended for general planting to the amateur who wishes to limit the number of varieties and who is desirous of a supply of extra choice flowers to cut throughout the summer and fall months.

For those who wish a greater collection we can recommend every variety described in the General Collection of Hardy Everblooming Hybrid-Tea Roses offered on page 184 of this book, as well as the various collections of New Hybrid-Tea Roses offered on pages 178 to 183. All of these, with the exception of the 1910 introductions, have undergone a thorough test in our own trial grounds, while the 1910 novelties are the introductions of the most noted specialists, and come to us with such recommendations from the various exhibitions at which they were shown during the summer of 1910 that we have no hesitancy in recommending them.

### CAROLINE TESTOUT.

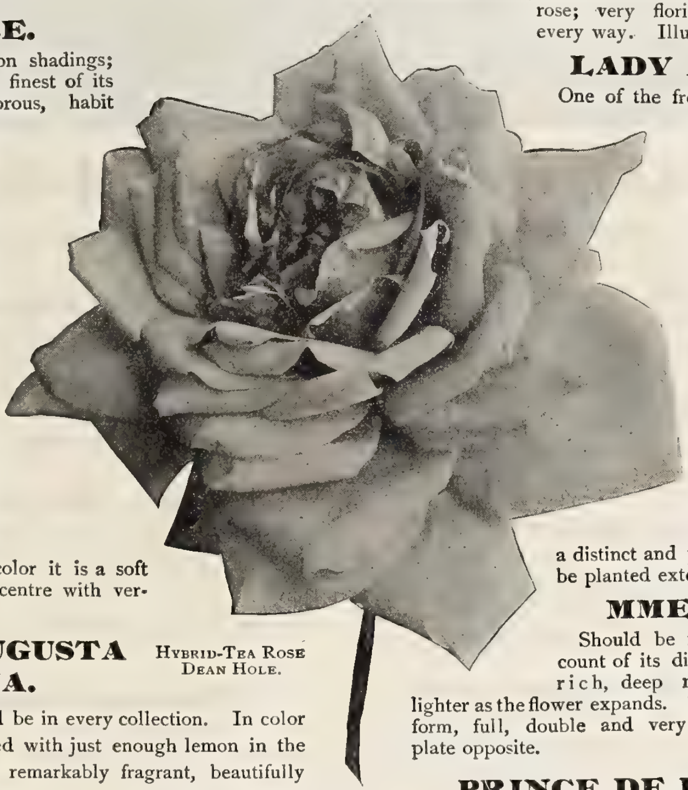
One of the most popular and valuable bedding varieties; large, full, globular flowers of bright satiny-rose, with brighter centre; very free and fragrant.

### DEAN HOLE.

Silvery carmine with salmon shadings; entirely distinct and by far the finest of its color; the growth is vigorous, habit branching and remarkably floriferous; the flowers are large, of great substance, and perfect in form both as a bud as well as when fully expanded. Of no variety do we hear so many good reports. Awarded a Gold Medal by the National Rose Society of England. (See illustration on this page.)

### EARL OF WARWICK.

A magnificent Rose and entirely distinct from all other varieties. The flowers are large and full, of beautiful form, and come perfect throughout the season under all weather conditions. In color it is a soft salmon-pink, shaded in the centre with vermilion.



HYBRID-TEA ROSE DEAN HOLE.

### KAISERIN AUGUSTA VICTORIA.

This splendid Rose should be in every collection. In color it is a soft pearly-white, tinted with just enough lemon in the centre to relieve the white; remarkably fragrant, beautifully formed flowers on long, graceful stems; a strong, free, healthy grower, with bold, handsome foliage.

### KILLARNEY.

This is, perhaps, the best known of Dickson's famous Irish Hybrid-Tea Roses, and is one of the most popular of our garden Roses, and also one of the leading varieties for winter cut flowers. Is perfectly hardy; in growth it is strong and robust, and as free-flowering as any Rose we know. In color it is a sparkling, brilliant pink; the blooms are large, the buds long and pointed, the petals very large and of great substance, and just as handsome in the full-blown flower as in the bud form. Illustrated on plate opposite.

### KÖNIGIN CAROLA.

This variety frequently produces flowers seven inches across and perfect in form, both in bud and when fully expanded. In color a beautiful satiny-rose, with the reverse of the petals silvery-rose; very floriferous and desirable in every way. Illustrated on plate opposite.

### LADY ASHTOWN.

One of the freest-flowering varieties in the collection, and produces perfect blooms under all weather conditions. The flowers are large, double, with high-pointed centre, and are produced on long stems; splendid for cutting; in color a soft rose, shading to yellow at the base of the petals. Illustrated on plate opposite.

### MME. JULES GROLEZ.

One of the best; a beautiful satiny china-rose color, very bright and attractive; flowers of large size, very double, of good form and remarkably free-flowering; a distinct and pretty Rose, which should be planted extensively.

### MME RAVARY.

Should be in every collection on account of its distinct color, which is of a rich, deep nankeen-yellow, becoming lighter as the flower expands. The flowers are of splendid form, full, double and very fragrant. Illustrated on plate opposite.

### PRINCE DE BULGARIE.

Large, full, double flowers of splendid form, of a silvery flesh color, deepening to the centre, and delicately shaded with salmon-rose. a color combination that pleases everyone.

### RICHMOND.

A most valuable and well-known American variety, of a rich, brilliant crimson-scarlet; the flowers are not very full, but in bud form are beautiful, and remarkably free-flowering. Illustrated on plate opposite.

### VISCOUNTESS FOLKESTONE.

One of the first Hybrid-Teas introduced, and still the best of its color, which is a creamy pink, shading deeper at the centre; large, full and very free.

**Price:** Any of the above in strong two-year-old plants, 50 cts. each; $5.00 per doz.; $35.00 per 100.

**One each of the "DREER DOZEN," a fine collection, for $5.00.**

Betty
Duchess of Wellington

## DICKSON'S Pedigree Irish Hybrid-Tea Roses.

We offer on this and the two following pages a selection of the best sorts sent out by these celebrated growers since 1905. The descriptions, with few exceptions, are those of the introducers, from whom our stock has been received.

### Betty (1905).

This variety is in the same class as Killarney, the popular bedding and forcing Rose. Betty, early in the season, when newly planted, is a disappointment in the first flowers which it opens, but after it becomes established it produces blooms of marvelous beauty. The plant is a strong, vigorous grower, with clean, healthy foliage, producing in great profusion its large, deliciously scented flowers, which are of a glowing coppery-rose color, suffused with a golden sheen. Strong two-year-old plants, 50 cts. each; $5.00 per doz.

### Dorothy Page Roberts (1907).

A lovely shade of coppery-pink, suffused with apricot-yellow, more especially at the base of the petals, which are very large massive and of great substance. An ideal garden Rose of wonderful charm and fascination. Awarded a Gold Medal, National Rose Society of England. Strong two-year-old plants, 75 cts. each; $7.50 per doz.

### Duchess of Wellington (1909).

Another grand Rose of the famous Killarney type, but of an entirely distinct color from any Rose now in cultivation, it being of an intense saffron-yellow stained with crimson in the first stage, which, as the flowers develop, changes to a deep, coppery, saffron-yellow. The flowers, which are fairly full, resemble Killarney in shape, but the petals are larger and of greater substance. Delightfully fragrant and very free-flowering. Strong two-year-old plants, $1.25 each; $12.00 per doz.

### Elizabeth Barnes (1907).

Satiny salmon-rose, with a fawn centre suffused with yellow, outside of petals deep rosy-red, shaded with copper and yellow. The shades of color are most beautiful and novel. The flowers are large, full, with pointed centre, most perfectly formed and possessing a delightful fragrance. A truly grand and superb Rose. Strong two-year-old plants, 75 cts. each; $7.50 per doz.

### Florence Edith Coulthwaite (1908).

Deep cream, suffused with bright rose on the inside of the petals and reflected on the back, thus creating an indescribable. delicate orange and peach glow, which makes it unique in color. Flowers large, full, of great substance and delicately perfumed. (See illustration on page 179.) Strong two-year-old plants, $1.00 each; $10.00 per doz.

### F. R. Patzer (1909).

A distinct free-growing variety with large handsome flowers, which are produced very freely on stout, stiff stems of perfect form and highly tea-scented. The color is creamy-buff, the back of the petals being a delicate warm pink; as the petals reflex the color becomes light orange-pink, forming a most charming combination. Strong two-year-old plants, $1.25 each; $12.00 per doz.

### Grace Molyneux (1908).

A chaste Rose of rare beauty, the habit of growth is perfection, every shoot producing a bloom. A veritable pearl for garden decoration. The color is a creamy apricot, flesh in the centre, the outer petals when developed are a delicate creamy-white inside, with a faint pink sheen on the reverse. Delightfully tea-scented. Strong two-year-old plants, $1.00 each; $10.00 per doz.

### Hon. Ina Bingham (1905).

A semi-double variety of large size, of beautifully cupped form, with enormous shell-like petals of greatest substance and of the purest pink color; entirely distinct; the individual flowers last in perfection a long time. Strong two-year-old plants, 75 cts. each; $7.50 per doz.

### James Coey (1909).

Color deep yellow, shaded orange when in bud, with the edges of the petals white as the flower expands; the flowers are of medium size, moderately double and a most profuse and continuous bloomer; a splendid bedding variety. Strong two-year-old plants, $1.25 each; $12.00 per doz.

### John Cuff (1908).

A valuable acquisition of unique color. It is one of the earliest to expand its very large and beautiful fragrant blooms, which are of great substance and perfect symmetry. The buds are long and pointed and produced in marvellous profusion, of a warm, deep carmine-pink color, with a most attractive and distinct deep yellow zone at the base of the petals. Strong two-year-old plants, $1.00 each; $10.00 per doz.

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**New Hybrid-Tea Roses from various European and American Rose Specialists are offered on pages 181 to 183.**

Lady Ursula
Florence Edith Coulthwaite

# Dickson's Pedigree Irish Hybrid-Tea Roses—Continued.

### Lady Ursula (1908).

A truly magnificent Rose, of vigorous, erect growth, possessing exceedingly free-blooming qualities. The foliage is large, massive and attractive. The flowers, produced on every shoot, are very large, full and of great substance and perfect form, with high centre, from which the petals gracefully reflex; in color a delightful shade of flesh-pink, distinct from all others; delicately tea-scented. Strong two-year-old plants, $1.00 each; $10.00 per doz.

### Margaret Molyneux (1909).

One of the most distinct and beautiful yet introduced. The flowers are semi double, and are produced in trusses of three to five, each carried on long, rigid stems. The color is as novel as beautiful, varying from saffron-yellow shaded bronzy-carmine in the bud to delicate salmon-pink as the flowers fully expand; it is strong tea-scented. Strong two-year-old plants, $1.25 each; $12.00 per doz.

### Mary, Countess of Ilchester (1909).

A Rose of the greatest distinction and charm, of a warm, crimson-carmine; it possesses unusually free and continuous blooming qualities; the flowers are of great size with large, massive petals, delightfully scented. (See illustration on page 180.) Strong two-year-old plants, $1.25 each; $12.00 per doz.

### Mrs. Arthur Munt (1909).

A profuse and continuous bloomer with large, full, perfectly formed flowers, with high, pointed centre. The color is suffused peach on deep cream, which becomes creamy-ivory as the flower develops; delicately tea-scented. Strong two-year-old plants, $1.25 each; $12.00 per doz.

### Mrs. Charles Custis Harrison (1910).

A Rose of great beauty and distinctness. The flowers are large, full, of great substance, globular in form, very highly perfumed, and produced on long, rigid stems. In color it is a deep crimson-pink on the front of the petals, crayoned deep crimson-carmine on the reverse side, a warm color that lights up when held in varied positions of light. Strong two-year-old plants, $2.50 each.

### Mrs. David Jardine (1908).

A delightful shade of rose-pink, shading to salmon-pink on the edges. The flowers are large, of perfect form, and produced on every shoot; very highly perfumed. Strong two-year-old plants, 75 cts. each; $7.50 per doz.

### Mrs. Harold Brocklebank (1907).

An ideal bedding Rose with creamy white flowers with buff centre; the buds when expanding have a beautiful salmon-pink flush and are produced with remarkable freedom, are of perfect form, large and full and most sweetly scented; a superb variety. Strong two-year-old plants, 75 cts. each; $7.50 per doz.

### Mrs. John Bateman (1905).

A splendid bedding variety, especially during the summer and fall months; in color a deep china-rose with yellow at the base of the petals; the flowers are full, double, of good form with high pointed centre. Strong two-year-old plants, 50 cts. each; $5.00 per doz.

### Mrs. Kenyon Slaney (1910).

In color a charming blush-pink on a rich cream ground, the pink intensifying as the flower expands; vigorous habit, very free-flowering, flowers large, of wonderful finish and delightfully tea-scented. Strong two-year-old plants, $2.50 each.

### Mrs. Leonard Petrie (1910).

Probably the most distinctly beautiful in yellow of recent introduction, with excellent habit of growth and free, continuous flowering qualities. The flowers are large, full and delightfully fragrant; in color a honey-yellow, touched with claret on the reverse of the petals, becoming as the blooms expand pale sulphur-yellow, which does not fade. Strong two-year-old plants, $2.50 each.

### Mrs. Peter Blair (1906).

Only a medium-sized flower of but few petals, but of beautiful form when half expanded, which, together with its splendid color, an intense rich and pleasing shade of yellow-chrome, appeals to everyone; very free-flowering and delightfully fragrant. Strong two-year-old plants, 50 cts. each; $5.00 per doz.

### Nita Weldon (1909).

Produces large-sized flowers in marvellous profusion; these are of globular form, while the buds are long and pointed. The color is unique and distinct, being an ivory-white with a faint blush on the edge of the petals. Strong two-year-old plants, $1.25 each; $12.00 per doz.

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**We offer some fine New Climbing Roses this season. See pages 191 and 192.**

William Shean
Mary, Countess of Ilchester

## DICKSON'S PEDIGREE IRISH HYBRID-TEA ROSES—Continued.

### Theresa (1909).

A medium-sized semi-double flower, which in the bud or half-expanded flower is admired by everyone. In the bud state it is a deep orange-apricot, passing to madder-pink with carmine shadings; as the flower expands it becomes veined with flesh-pink, finally passing to silvery-pink. It is very free-flowering and particularly pretty in color in the fall when the nights are cool. Strong two-year-old plants, $1.25 each; $12.00 per doz.

### Walter Speed (1909).

A magnificent Rose, of robust, vigorous, erect growth, and possessing exceedingly free-blooming qualities, every shoot being crowned with flowers. These are large, with imbricated form and high, pointed centre. The color is a deep lemon-yellow, which, as the flower develops, becomes milky white. Strong two-year-old plants, $1.25 each; $12.00 per doz.

### William Shean (1906).

Purest deep pink, with shell-shaped petals, forming buds four inches long; a glorious Rose of immense size, perfect form and great substance. Strong two-year-old plants, 50 cts. each; $5.00 per doz.

**Special Offer!** We will furnish one each of the 25 Pedigree Irish Hybrid-Tea Roses offered on pages 178 to 180 for $25.00.

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THREE FINE

## CLIMBING HYBRID-TEA ROSES.

While not as free-flowering as the ordinary type of Hybrid-Tea Roses, these climbing forms produce a large crop of beautiful flowers in June, with a very fair scattering of blooms throughout the season. We have at this writing, September 20th, a three-year-old plant of Climbing Kaiserin Augusta Victoria which is eight feet high, and on which there are in sight twenty expanded buds and flowers, with a fair promise of further flowers throughout the fall.

**Climbing Caroline Testout.** A climbing form of the popular satiny-pink.

**Climbing Belle Siebrecht.** Identical with its parent, a brilliant imperial-pink color.

**Climbing Kaiserin Augusta Victoria.** The climbing form of this most popular white Rose; a valuable acquisition.

**Price.** Any of the above, in strong two-year-old plants, 50 cts. each; $5.00 per doz. The set of 3 varieties for $1.40.

## Standard, or Tree-shaped Roses.

The following six choice varieties can be supplied in standard or tree-shaped form, on sturdy, hardy stems from 3½ to 4 feet high.

**Caroline Testout.** Bright satiny-rose, fully described on page 177.

**Frau Karl Druschki.** The ideal pure white hybrid-perpetual. Description on page 188.

**Killarney.** The popular pink hybrid-tea, described and illustrated on page 177.

**La France.** The old favorite silvery-pink hybrid-tea, fully described on page 184.

**Mme. Jules Grolez.** One of the best hybrid-teas; color rich china-rose. Described on page 177.

**Ulrich Brunner.** A grand cherry-red hybrid-perpetual, fully described on page 188.

**Price.** Any of the above Tree Roses, $1.25 each; $12.00 per doz. One each of the six sorts for $6.00.

## MOSS ROSES.

A class of Roses which are much admired. The beauty of the flower consists in the delicate mossy covering which surrounds the bud, and gives to the opening flower a unique appearance.

**Blanche Moreau.** Lovely pure white, large and full.

**Countess de Murinais.** Large white, beautifully mossed.

**Crested Moss.** Rose color, beautifully crested.

**Crimson Globe.** Deep crimson, large and full.

**Gloire de Mosses.** Blush; very large and full.

**Princess Adelaide.** Bright silvery rose; large.

Extra strong two-year-old plants, 40 cts. each; $4.00 per doz. Set of six sorts, $2.00.

Notes on HOW TO GROW ROSES are given on page 175

# New Hybrid-Tea Roses.

We offer on this and the two following pages a selection of the recent introductions of various prominent European and American Rose specialists.

**Celia** (*Wm. Paul & Son*, 1906). A fine bright satin pink, shading deeper towards the centre; flowers large, full, double, of perfect form; fragrant; especially remarkable for the freedom with which its flowers are produced. Strong two-year-old plants, 75 cts. each; $7.50 per doz.

**Chateau de Clos Vougeot** (*Pernet-Ducher*, 1903). An ideal Rose, of a dazzling color, being a rich scarlet, shaded fiery red, changing to dark velvety crimson as the flowers expand, not unlike in color the popular Prince Camille de Rohan. Nothing in our trial beds equalled this variety for richness of color, and it was in bloom continuously throughout the season. Strong two-year-old plants, $1.00 each; $10.00 per doz.

**Comtesse Icy Hardegg** (*Soupert & Notting*, 1905). A large, full, double flower of perfect form; buds long and pointed, color a bright carmine-rose, a strong, vigorous grower, producing its flowers very freely on long, stout stems; splendid for cutting. Strong two-year-old plants, 75 cts. each; $7.50 per doz.

**Countess of Gosford** (*McGredy*, 1906). A splendid extremely free-flowering Rose, of large size, of perfect form, and full, long, pointed buds of a beautiful salmon-pink rose, the base of petals suffused with saffron-yellow. Strong two-year-old plants, 75 cts. each; $7.50 per doz.

**Cynthia Forde** (*Hugh Dickson*, 1909). Flowers of great substance, color a deep, brilliant rose, shading on the back of the petals to a light rosy-pink. The flowers are very large, full, and of perfect form and very free-flowering and fragrant. Strong two-year-old plants, $1.25 each; $12.00 per doz.

**Deuil de L. Compagnon** (*Guillot*, 1908). The darkest colored Hybrid-Tea yet introduced; a deep purplish-crimson, large, full, cupped flowers; a moderate grower. Light two-year-old plants, 75 cents each.

**Ecarlate** (*Boytard*, 1907). Produces only medium-sized flowers, but is such a brilliant scarlet in color and such an incessant bloomer that we count it among the best bedding varieties. Strong two-year-old plants, 50 cts. each; $5.00 per doz.

**Ellen Wilmot** (*Bernaix*, 1908). Pure white on the outer petals, with a fresh flesh-pink centre; a beautifully formed flower, full double and produced freely throughout the season, holding its quality during most unfavorable weather conditions. Strong two-year-old plants, 50 cts. each; $5.00 per doz.

**Entente Cordiale** (*Pernet-Ducher*, 1909). We have been very favorably impressed with this new French variety, and on account of its very free-flowering habit it will probably, as a bedding variety, supercede the popular Kaiserin Augusta Victoria, which it closely resembles. The habit of the plant is moderate, but very branching, every shoot producing from one to five fragrant flowers, which are perfect in form, large, full, globular, with long, pointed buds; splendid for cutting; in color it is a soft creamy or sulphury-white. A limited stock of two-year-old plants, $1.00 each.

**General MacAurthur** (*Hill & Co.*, 1905). As an all-round garden Rose, we know of no variety of its color, crimson-scarlet, which we can so unhesitatingly recommend, its sweetly-scented flowers being produced in great profusion, even under the most unfavorable weather conditions. Strong two-year-old plants, 50 cts. each; $5.00 per doz.

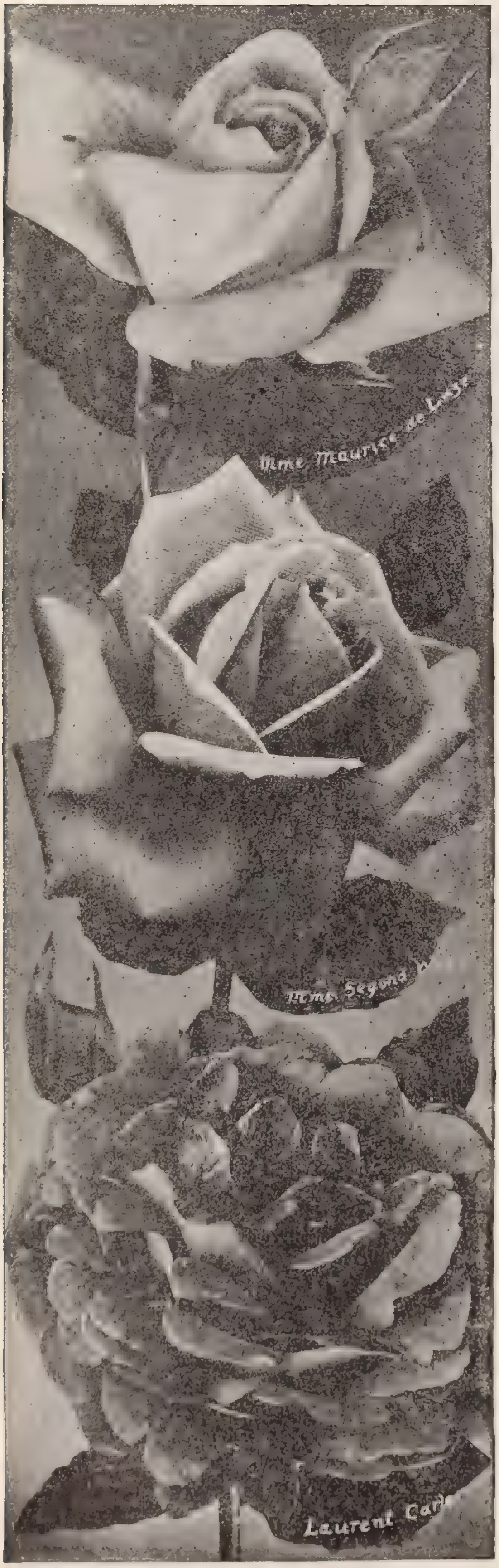
**H. Armytage Moore** (*Hugh Dickson*, 1907). Great shell-like petals, forming very long buds and large flowers of a pleasing rose-pink, passing to a silvery-pink. Strong two-year-old plants, 75 cts. each; $7.50 per doz.

**Hector Mackenzie** (*Guillot*, 1908). Especially valuable during hot summer weather, when it continues in perfection, producing large, perfect blooms in profusion; it is delightfully fragrant; color dark pink when first opening, changing to a silvery crimson. Strong two-year-old plants, 75 cts. each; $7.50 per doz.

**His Majesty** (*McGredy*, 1909). A fine dark crimson, shaded deep vermilion-crimson towards the edges, frequently with a deep velvety shading. When seen at its best, it reminds one in form of flower and strong growth of that grand Rose, Frau Karl Druschki. It is also delightfully fragrant. $1.25 each; $12.00 per doz.

**Institateur Sirday** (*Pernet-Ducher*, 1906). A strong growing variety, with large, full, double flowers of perfect form, the buds of a deep orange, opening a golden yellow. A splendid free-flowering bedding variety. 75 cts. each; $7.50 per doz.

Entente Cordiale
Kronprinzess Cecilie
Lady Faire



# New Hybrid-Tea Roses.

*(Continued.)*

**Juliet** (*Wm. Paul & Son*, 1910). A very distinct and attractive novelty, with large, perfect-shaped flowers. The outside of the petals are old-gold, the interior rich, rosy red, changing to deep rose as the flowers expand; of powerful, delicious fragrance; universally admired. Strong two-year-old plants, $2.50 each.

**Kaiser Wilhelm II.** (*N. Welter*, 1909). A cross between Kaiserin Augusta Victoria and Louis Von Houtte; of moderate growth and very healthy foliage; rather long buds, large, very full flowers; carmine, shaded with fiery red, and suffused with a satiny black on the under petals. Light two-year-old plants, 75 cts. each.

**Kronprinzessin Cecilie** (*Schmidt*, 1908). On account of its delicate coloring—a beautiful soft silvery pink, splendid form, having long pointed buds and large, full, double flowers, which are carried erect on stout, stiff stems—no Rose in our trial grounds attracted more attention. It is of strong, vigorous growth and very free-flowering. Strong two-year-old plants, $1.00 each; $10.00 per doz.

**Lady Alice Stanley** (*McGredy*, 1909). Deep coral-rose, inside pale flesh, slightly flushed deeper flesh; a remarkably attractive and pleasing color combination. The blooms are very large, full, of great substance and produced very freely and deliciously fragrant. Strong two-year-old plants, $1.25 each; $12.00 per doz.

**Lady Faire** (*Bentley*, 1906). A Rose which will please anyone. It is a sport from Belle Siebrecht, but of stronger and more vigorous growth and very free-flowering. The flowers are of good size and form, of a light carmine-rose color, suffused with salmon, shading lighter towards the edges. Strong two-year-old plants, 50 cts each; $5.00 per doz.

**Lady Wenlock** (*Bernaix*, 1905). Not a large flower, but very distinct in color, a pleasing china-rose, suffused with golden apricot, one of those distinct soft color combinations which appeals to everyone. Strong two-year-old plants, 50 cts. each; $5.00 per doz.

**Laurent Carle** (*Pernet-Ducher*, 1907). The "Best" red Rose yet introduced suited to our climate. It is brilliant carmine in color, of large size, very double, produces its large, perfect flowers throughout the season, nearly as good in hot, dry weather as under more favorable weather conditions. The plant is a vigorous grower, flowers freely, and is as hardy as a Hybrid Perpetual. Strong two-year-old plants, 75 cts. each; $7.50 per doz.

**Lina Schmidt Michel** (*P. Lambert*, 1906). A good bedding variety, producing very large semi-double salmon-rose colored flowers, particularly fine in half expanded form. Strong two-year-old plants, $1.00 each; $10.00 per doz.

**Margaret** (*Wm. Paul & Son*, 1909). A very clear and delicate tint of soft pink, a shade which is beautiful under artificial light; buds long and developing into large, heavy-petalled flowers, the outer being nicely reflexed, forming a perfect flower. $1.00 each; $10.00 per doz.

**Mme. Jenny Gillemot** (*Pernet-Ducher*, 1905). A soft and delicate shade of nankeen-yellow, suffused with carmine; very long buds, developing into large flowers of good substance. The color combination is very pleasing. Strong two-year-old plants, 50 cts. each; $5 00 per doz.

**Mme. Maurice de Luze** (*Pernet-Ducher*, 1907). This for the past three years has been one of the most satisfactory Roses of its color in our trial beds; it has splendid large cupped flowers, with heavy petals of a live, rich, rose-pink, with carmine centre, the reverse of the petals shading lighter; a vigorous grower, free-flowering and very fragrant. Strong two-year-old plants, 75 cts. each; $7.50 per doz.

**Mme. Melanie Soupert** (*Pernet-Ducher*, 1906). For delicate, soft coloring it is difficult to surpass this pretty semi-double variety, which is particularly fine in bud form; color a charming salmon-yellow, suffused with pink and carmine. Strong two-year-old plants, 75 cts. each; $7.50 per doz.

**Mme. P. Euler** (*Guillot*, 1906). Entirely distinct in color, being a vermilion silvery pink, very large, very double, and of good form; also possessing great lasting qualities, very free-flowering and fragrant. Strong two-year-old plants, 75 cts. each; $7.50 per doz.

**Mme. Philippe Rivoire** (*Pernet-Ducher*, 1905). Described by Mr. Pernet-Ducher as full and double, but in our own trials it has flowered semi-double, but is none the less beautiful; its flowers are frequently over six inches in diameter, globular in form, color apricot-yellow, with lighter centre, the reverse of the petals being suffused with carmine; a fine Rose. Strong two-year-old plants, 50 cts. each; $5.00 per doz.

# New Hybrid-Tea Roses.

*(Continued.)*

**Mme. Segond Weber** (*Soupert & Notting*, 1908). The most desirable Rose of its color in our collection. It is a vigorous grower, free-flowering, large, perfectly formed, cup-shaped, fragrant flowers of marvellous beauty. In color it is of that soft shade of slight salmon-pink which appeals to everyone. Strong two-year-old plants, $1.00 each; $10.00 per doz.

**Marquise de Sinety** (*Pernet-Ducher*, 1906). Everyone who has seen this beautiful Rose is enthusiastic over it. The buds are of a rich yellow-ochre, suffused with carmine; the expanded flower, which is of good size, is fairly double, of perfect cupped shape, and of a rich golden yellow or Roman ochre, shaded with bright rosy-red, delightfully fragrant. Strong two-year-old plants, $1.00 each; $10.00 per doz.

**Mrs. Arthur Robert Waddell** (*Pernet-Ducher*, 1908). An attractively colored variety that meets with universal favor, a delicate, soft, rosy-salmon, suffused with a golden sheen; flowers of medium size, especially handsome in half expanded form; a free-flowering garden variety that should be in every collection. Strong two-year-old plants, 75 cts. each; $7.50 per doz.

**Mrs. Alfred Tate** (*McGredy*, 1909). Entirely distinct and very beautiful; in color a coppery red, shaded fawn, with ochre shading at the base of the petals; a wonderful long pointed flower with heavy petals, just double enough to make a perfect form; very floriferous and sweet. Strong two-year-old plants, $1.25 each; $12 00 per doz.

**Mrs. Edward J. Holland** (*McGredy*, 1909). The introducer describes this as the nearest approach in form to that popular white Rose, Kaiserin Augusta Victoria, but in color a beautiful deep salmon-rose, shading lighter towards the edges; a model flower of exquisite beauty, which comes perfect under the most adverse climatic conditions; delightfully fragrant. Strong two-year-old plants, $1.25 each; $12.00 per doz.

**Mrs. Wakefield Christie-Miller** (*McGredy*, 1909). Soft pearly blush shaded salmon, the outside of the petals a clear vermilion rose, a marvellous color combination; the flowers are of extra large size, with petals of great substance. Strong two-year-old plants, $1.25 each; $12.00 per doz.

**Otto Von Bismarck** (*Schmidt*, 1908). In competition for a prize of 3,000 marks ($750.00), offered at a German Exhibition in 1908, for the best new Hybrid-Tea Rose, it was awarded to this variety, which is a cross between La France and Caroline Testout. In habit of growth it somewhat resembles the latter, while in color it has the soft, silvery pink of La France; it is a vigorous grower and a free and continuous bloomer. Strong two-year-old plants, 75 cts. each; $7.50 per doz.

**Reine Marguerite D'Italie** (*Soupert & Notting*, 1905). Attracted great attention in our trial grounds, especially during July and August, when it appeared to be in its glory, producing masses of intensely bright carmine-red flowers with vermilion centre. These are of good size and delightfully fragrant. Strong two-year-old plants, 75 cts. each; $7.50 per doz.

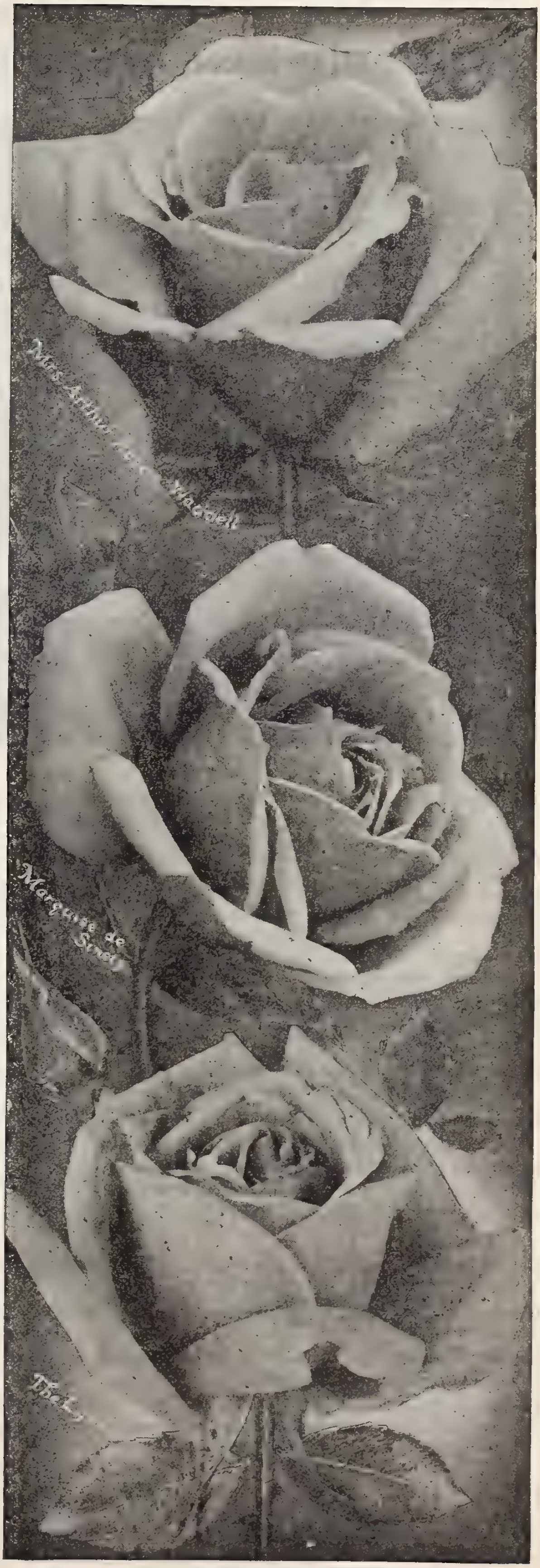
**Rosa Verschuren** (*Verschuren*, 1905). The only variety with variegated foliage, the leaves being dark green, marbled and striped with creamy white; quite distinct, novel and interesting. The flowers are of a lively, soft rose-color, of good size and form; very sweet scented. Strong two-year-old plants, 50 cts. each; $5.00 per doz.

**The Lyon** (*Pernet-Ducher*, 1907). The most sensational Rose yet introduced. It was illustrated in colors in our 1910 Garden Book, but neither words or artist's brush can do justice to its wonderful coloring; it must be seen to be appreciated.

It is of very vigorous habit, with excellent foliage of a rich reddish green. The buds are long, tipped coral-red and chrome-yellow at the base. The flowers when expanded are large and full, with broad petals of a superb color, being a coral-red or salmon-pink, shaded with chrome-yellow in the centre, toning to a shrimp-pink at the tips, a most happy and charming contrast of colors. Very free, fragrant and hardy. Strong two-year-old plants, 75 cts. each; $7.50 per doz.

**White Killarney** (*Waban Rose Co.*, 1908). A pure white sport of the popular Killarney Rose, identical in every way with its parent, excepting in color, which is a pure white. Strong two-year-old plants, 50 cts. each; $5,00 per doz.

**SPECIAL OFFER** We will furnish one each of the thirty-nine new sorts offered on pages 181 to 183 for $25.00.



## GENERAL COLLECTION

# Hardy Everblooming Hybrid-Tea Roses.

Hybrid-Tea Rose Joseph Hill.

**Antoine Rivoire.** An ideal bedding Rose of large size, exquisite form and coloring, which is soft peach-flesh with deeper shadings; the base of the petals yellow.

**Belle Siebrecht.** A superb Rose of a brilliant pink color; the flowers are large, of good form; buds long and tapering.

**Bessie Brown.** A strong, vigorous grower, flowering in great profusion from June until frost; flowers of perfect form, large size and highly fragrant; color creamy-white.

**Edu Meyer.** Not large, but very free, of a lovely color combination of copper, red and yellow.

**Farbenkonigin** (*Queen of Colors*). A very attractive and showy variety, the large, fragrant flowers being a most desirable imperial pink. A popular Rose in Europe.

**Franz Deegen.** Rich yellow, shading to orange in the centre of the flower, which is of medium size; very sweet-scented.

**Florence Pemberton.** A splendid large creamy-white suffused with pink, perfect in form and always in flower.

**Frau Lila Rautenstrauch.** Buds coppery-orange, open flowers rosy flesh shaded reddish orange, one of the most highly perfumed.

**Goldelse.** Pale yellow with deeper yellow centre, free-flowering, very fragrant.

**Grand Duke Adolph de Luxenburg.** Rosy red, shading lighter at the edges, reverse of petals brilliant lake.

**Gustav Grunerwald.** Carmine pink, centre yellow, large, full, of fine form, buds long and pointed, a splendid sort.

**Grace Darling.** A handsome Rose; in color peach tinted creamy-white; large, full and free. One of the best.

**Gruss an Teplitz.** This, the reddest of all red Roses, is a Rose for everybody, succeeding under the most ordinary conditions. In color it is of the richest scarlet, shading to a velvety-crimson; very fragrant, a free, strong grower and in bloom all the time.

**Honorable Edith Gifford.** When first opening a beautiful soft flesh, with salmon-rose centre, changing to white; fine.

**Joseph Hill.** A perfect gem; of strong, clean, vigorous growth, remarkably free-flowering; in color a lovely shade of salmon-pink; the perfect flowers are large, full and double.

**La Detroit.** One of the freest flowering varieties, producing large, double rose-colored flowers daintily shaded with pink.

**La France.** An old favorite, and probably the most popular Rose the world over. A model garden Rose in every way; flowers clear satiny-pink; large, very full and of perfect form.

**La Tosca.** Beautiful silvery-pink, with deeper centre; a very vigorous grower, with large, double flowers, and very free.

**Le Progres.** Buds golden, changing to nankeen and pale yellow as the flower expands; large, full, cup-shaped.

**Liberty.** Very free-flowering, bright crimson-scarlet.

**Mildred Grant.** Blush-white, edge of petals when first opening shaded with pink, of large size and great substance.

**Mina Barbanson.** A delicately colored soft rosy-pink that appeals to many; very free-flowering.

**Mme. Abel Chatenay.** The most popular Rose in England, both in the garden and as a cut flower, thousands of its beautiful buds being sold daily on the streets of London; it succeeds equally well here, is a strong grower and produces very freely beautiful flowers of carmine-rose, shaded with salmon.

**Mme. Edmee Metz.** Very double bright rosy pink shaded salmon; free-flowering and effective.

**Mme. Leon Pain.** A fine large well-formed flower of a distinct shade of silvery-pink, shaded orange in the centre.

**Mme. Pernet Ducher.** Soft canary-yellow, beautiful in the bud, very sweet-scented.

**Mons. Paul Lede.** Distinct and beautiful; a charming shade of carmine pink shaded yellow; very fragrant and always in bloom.

**Pharisaer.** Exceptionally free-flowering, producing long buds, which open into large double flowers of a rosy-white, shading to a pretty soft salmon.

**Souvenir du President Carnot.** A Rose that pleases everybody; fine in form, of large size and delicate in color; a soft rose shading to white.

Hybrid-Tea Rose Gruss an Teplitz.

**Price:** Any of the above, in strong two-year-old plants, 50 cts. each; $5.00 per doz.; $35.00 per 100. Set of 29 sorts, $10.00.

**"THE DREER DOZEN" of Hybrid-Tea Roses are superb in every way. See page 177.**

## FIVE CHOICE
# NEW TEA ROSES.

**Harry Kirk** (*Dickson & Sons,* 1907). A splendid Rose, of most robust growth, with free-branching habit, flowering freely and continuously; the blooms are large, full, with large, smooth petals of great substance, the form is perfect, the buds long and elegant. Color deep sulphur-yellow, passing to a lighter shade at the edges of the petals. Dr. Huey, the well-known Rosarian of Philadelphia, has had several plants in his garden during the past four seasons. These plants have not only proven its free-flowering character, but its hardiness as well, coming through the winters without injury. In our judgment, it is by long odds the **finest everblooming Rose of its color yet introduced.** Awarded a Gold Medal by the National Rose Society of England. Strong two-year-old plants, 75 cts. each; $7.50 per doz.; $60.00 per 100.

**Hugo Roller** (*Wm. Paul & Sons,* 1908). Described by the introducers as follows: "A pictorial flower of the most elegant combination of colors. The ground color is rich lemon-yellow, the petals being edged and suffused with crimson; flowers of medium size, of good shape, and very freely produced throughout the season until late in autumn. Growth vigorous. A most attractive novelty." In our trial grounds during last summer this was one of the most admired Tea Roses. Strong 2-year-old plants, 75 cts. each; $7.50 per doz.

**Miss Alice de Rothschild** (*Dickson & Sons,* 1910). In color a rich deep citron yellow, which intensifies as the bloom expands. The flowers are very large, full and of perfect form, with high pointed centre; the petals charmingly reflex. The growth is vigorous, erect and free, continuous in blooming, deliciously fragrant (Marechal Niel perfume); a superb Rose in every respect; appropriately described by one grower as a bedding Marechal Niel. Strong two-year-old plants, $2.50 each.

Tea Rose, Harry Kirk.

**Molly Sharman Crawford** (*Dickson & Sons,* 1908). Creamy white when first opening, becoming purer as the flowers expand; large, full, perfectly formed; delightfully fragrant and lasting in good condition a long time. The blooms are carried on long, erect stems, and are freely and continuously produced. A splendid white Rose. Strong 2-year-old plants, $1.00 each; $10.00 per doz.

**Mrs. Foley-Hobbs** (*Dickson & Sons,* 1910). Beyond question the best Tea Rose yet introduced, as it possesses in a marked degree every quality necessary to constitute a perfect Rose. The growth is robust, every shoot being crowned with a flower bud, which develops into a bloom of marvellous size, perfect form and exquisite finish. It is a veritable giant among Teas; the smooth, thick, shell-shaped petals creating a bloom of exceptional merit; color delicate ivory-white, faintly tinged, clear pink on the edges of the petals, deliciously tea-perfumed. Strong two-year-old plants, $2.50 each.

One each of the above 5 New Tea Roses for $6.50.

## CHINESE OR BENGAL ROSES.

An old favorite type which is as beautiful and sweet now as it was in the gardens of half a century ago, and which deserves as great a popularity to-day as it had in years past. Compared with other Roses the flowers as well as the growth are small; but where an abundance of flowers is wanted they are unequalled, especially so as they will flourish under soil and climatic conditions in which the high-bred varieties will not thrive; splendid for massing and hardy with slight protection.

**Charlotte Klemm.** Fiery red, shaded with cinnabar and blood-red, semi-double, of medium size and of great brilliancy of color.

**Comtesse de Cayla.** Very distinct and rich in coloring, coppery carmine shaded with orange and yellow.

**Hermosa.** A well-known old favorite, bright double pink, always in bloom.

**Queen Mab.** Soft rosy apricot, the centre of the flowers shaded orange, the outside tinted with violet and rose.

**Queen's Scarlet, or Agrippina.** Bright crimson-scarlet, very free; an old favorite.

Strong 2-year-old plants, 40 cents each; $4.00 per doz.; $30.00 per 100.

## OLD FAVORITE BOURBON ROSE.

**Souvenir de la Malmaison.** A splendid old Rose, which produces large, double, beautiful flowers throughout the season, of a rich flesh color. Strong 2-year-old plants, 40 cts. each; $4.00 per doz.; $30.00 per 100.

Chinese or Bengal Rose, Charlotte Klemm.

# SELECT TEA-SCENTED ROSES.

Tea Roses have always been admired, particularly for their delicious fragrance and for their extreme delicacy of coloring. The varieties offered are the most suited to our climate. Many will be recognized as old favorites, which are welcome in every garden; with few exceptions, if protected as recommended on page 175, will be found hardy in this latitude; in fact, all of the sorts offered have, with very little protection, withstood the past two winters without any loss in our trial grounds.

Tea Rose, William R. Smith.

**Bon Silene.** A very old favorite; one of the sweetest, with beautifully formed buds of bright carmine-rose.

**Catherine Mermet.** Very large, long buds of exquisite form, of a beautiful soft rose-color.

**Comtesse Riza du Parc.** Salmon-rose tinted with copper; very large, full and globular flowers; distinct and free.

**Corallina.** Deep rosy-crimson shaded with coral-red, especially beautiful in the bud state; one of the very best for massing, the flowers being produced in glorious profusion throughout the season.

**Duchesse de Brabant.** Probably the most deliciously scented Rose grown; bright silvery pink, always in bloom.

**Etoile de Lyon.** A splendid rich saffron-yellow, brightening towards the centre; very large, of superb form, beautiful both in bud and flower.

**Francisca Kruger.** Coppery-yellow, shaded with peach; large and full; a fine bedding Rose.

**G. Nabonnand.** Delicate flesh suffused with yellow; its color is particularly handsome in the autumn; a fine bedder.

**Maman Cochet.** An extra strong grower, producing its large buds and flowers in the greatest profusion; color deep rose-pink, inner side of petals silvery-rose; very double and exquisite in bud or when full blown.

**Marie Van Houtte.** White, tinted with yellow, often edged with rose; large, full, of fine form and an abundant bloomer.

**Mme. Hoste.** Very large light yellow, perfect both in bud and open flower; a splendid rose.

**Mme. Joseph Schwartz.** Light salmon-rose, changing to creamy white when fully expanded; very free-flowering.

**Mme. Margottin.** Dark lemon-yellow, with saffron colored centre, large and of globular form; blooms freely.

Tea Rose, Maman Cochet.

**Mme. de Watteville.** Entirely distinct; color salmon-white, bordered and edged with bright rose; on account of its peculiar coloring also known as the Tulip Rose.

**Mme. Welche.** Soft peachy-yellow, delicately suffused with soft rose; very desirable.

**Mrs. B. R. Cant.** One of the best bedding Roses; a strong, vigorous grower and very free-flowering; large, full flowers, of rich, glowing carmine.

**Papa Gontier.** Dark crimson red, makes a splendid long bud, elegant for cutting.

**Perle des Jardins.** Beautiful rich yellow, of large size and fine form; the finest of its color.

**Safrano.** An old favorite; beautiful saffron-yellow; the best of its color.

**Souvenir de Catherine Guillot.** Coppery-carmine, shaded with yellow; an exceedingly rich colored Rose of great excellence.

**Souvenir de Pierre Notting.** A beautiful canary-yellow, suffused with apricot in the centre; flowers of good size; a very pretty Rose.

**Sunset.** A sport from Perle des Jardins, bearing flowers of similar form and substance, but of a deep rich apricot-yellow.

**The Bride.** A pure white sport from Catherine Mermet equal in quality to that superb variety.

**White Maman Cochet.** Identical, except in color, with Maman Cochet; a splendid bedder.

**William R. Smith.** A cross between Kaiserin Augusta Victoria and Maman Cochet; one of our best bedding Roses; flowers large, of elegant form, creamy-white with rose shadings.

Strong two-year-old plants, in 5 and 6-inch pots, 40 cts. each; $4.00 per doz.; $30.00 per 100. Set of 25 sorts for $7.50.

Good two-year-old plants, in 4-inch pots, 25 cts. each; $2.50 per doz.; $20.00 per 100. Set of 25 sorts, $5.00.

Baby Rambler Rose.

## BABY RAMBLER AND POLYANTHA ROSES.

A type of Roses which is very popular for bedding purposes. They form shapely, compact, bushy specimens about 18 inches high, producing in great profusion from early in the season until severe frost immense trusses of small flowers.

**Crimson Baby Rambler** (*Mme. Norbert Levavasseur*). Crimson flowers similar to the popular Climbing Rambler

**Cerise-pink Baby Rambler** (*Mrs. Cutbush*). Identical in color to the beautiful Lady Gay Rambler; always in flower.

**Pink Baby Rambler** (*Anchen Müller*). Large clusters of brilliant rose flowers; the edges of the petals are wavy, giving it a peculiarly graceful form.

**White Baby Rambler** (*Katherina Zeimet*). Pure white flowers, showing the yellow stamens very prettily.

**Clothilde Soupert.** One of the freest-flowering Roses, producing in clusters beautiful perfectly double flowers of a French-white, deepening to rosy-blush in the centre; deservedly popular.

Strong 2-year-old plants, 40 cts. each; $4.00 per doz.; $30,00 per 100. Set of 5 for $1.75.

## NEW BABY RAMBLER "JESSIE."

This splendid new Baby Rambler attracted much attention in our trial grounds during the past season on account of its rich color, which is a bright cherry-red, holding up well in hot, dry, unfavorable weather. It is one of the freest-flowering of this type, the flowers being produced in large trusses, and last in perfection a long time. Strong two-year-old plants, 50 cts. each; $5.00 per doz.

## NEW FANCY POLYANTHA ROSE LEONIE LAMESCH.

Entirely distinct from all other varieties on account of the peculiar combination of colors, which is at once attractive and pleasing. The ground color is a lively-rose shading deeper towards the edges, each petal being tipped or blotched with blood-red; the base of the petals is of varying shades of yellow, which color also extends as a suffusion throughout the flower, giving the whole a peculiarly fancy, mottled appearance; the flowers are about 2 inches in diameter, and are produced in trusses of from 6 to 15 flowers throughout the summer. A very novel and attractive Rose. Strong two-year-old plants, 50 cts. each; $5.00 per doz.

## HARDY ROSE
## SOLEIL D'OR OR GOLDEN SUN.

An entirely distinct type of Rose—a cross between Persian-yellow and Antoine Ducher. It is perfectly hardy, with large, full, globular flowers, varying in color from gold and orange to reddish gold, shaded with nasturtium-red. Strong two-year-old plants, 50 cts. each; $5.00 per doz.

## DAMASK ROSES.

These three old Roses should be in every garden. Though they bloom but once a year—June—their fragrance, beauty, perfect hardiness and the abundance of flowers they produce make them indispensable.

**Cabbage, or Provence.** Rosy-pink flowers.

**Madame Plantier.** Pure white and a free bloomer; unrivalled for hedges and cemetery use.

**White Provence.** Pure white, delightfully fragrant.

40 cts. each; $4.00 per doz. Set of 3 for $1.00.

## RAMANAS OR RUGOSA ROSES.

These lovely Roses form sturdy bushes 3 to 5 feet in height, covered with handsome, glossy green foliage and clusters of beautiful fragrant single flowers. They bloom nearly the whole summer, and are equally as attractive during the autumn and winter when covered with their large, brilliant red seedpods. Of healthy, vigorous growth and not troubled with insects or fungus pests, and equally desirable alike as single specimens or for making a hedge.

**Rugosa.** Glossy crimson.

**Rugosa Alba.** Pure white.

Extra strong 2-year-old plants, 30 cts. each; $3.00 per doz.; $20.00 per 100.

## Double Ramanas or Rugosa Roses.

**Blanc Double de Coubert.** A splendid perpetual-flowering, double, pure, glistening white.

**Nova Zembla.** A hybrid variety in which the foliage is entirely distinct from the type; forms large shrub-like bushes 6 feet or more high, making it a most desirable variety to plant in the shrubbery border; the flowers are large, double, of fine form, white, with a pleasing flush of pink.

Strong two-year-old plants, 50 cts. each; $5.00 per doz.

Double Ramanas or Rugosa Rose.

## The Twelve "Best"

# Hardy Garden ROSES.

### (Hybrid Perpetuals.)

The twelve varieties listed below have been offered under this heading with a view of supplying the amateur, who is not familiar with the various varieties, and to whom a selection from the long list of Hybrid Perpetuals must necessarily prove confusing, as a collection which combines as varied a range of color as can be brought together in such a number of plants, with freedom of flowering, perfect form, fragrance, hardiness and general excellence.

**The plants offered are exceptionally heavy two-year-old stock, which will, under ordinary conditions, give a full crop of flowers this season;** and while their main crop is produced in June, they frequently produce fine flowers throughout the summer and autumn. The cultural hints given on page 175 should assist the amateur in getting the largest measure of success from these plants.

**Anna de Diesbach.** Clear, bright carmine-pink, very large, full and finely shaped; fragrant and a free bloomer.

**Baron de Bonstetten.** Velvety blackish crimson; very large, double, fragrant flowers; a strong grower.

**Baroness Rothschild.** A superb Rose, of pale, satiny-rose; very large.

**Frau Karl Druschki.** This is the ideal hardy white Rose, pure in color, perfect in form; strong grower and remarkably free-flowering; superb in every way.

**General Jacqueminot.** Brilliant scarlet-crimson; an old favorite and one of the best known Roses in cultivation; does well everywhere.

**Gloire Lyonnaise.** White, tinted with yellow; large, full and of good shape; very distinct and pleasing.

Hardy Rose, Frau Karl Druschki.

Hardy Rose, Ulrich Brunner.

**Mrs. R. G. Sharman Crawford.** Deep rosy-pink, outer petals shaded with pale flesh. A beautiful Rose in every respect.

**Mrs. John Laing.** Soft pink, of beautiful form; exceedingly fragrant and remarkably free-flowering. Always does well and stands very close to the top among fine Roses.

**Paul Neyron.** Dark rose, of enormous size; perhaps the largest of all.

**Prince Camille de Rohan.** Deep velvety crimson-maroon, shaded scarlet; a magnificent dark Rose.

**Rodocanachi.** A beautiful transparent rose color, shaded pink; large, full and fragrant.

**Ulrich Brunner.** Bright cherry-red; flowers large and full; a good strong grower and always does well.

**Extra strong two-year-old plants,** 50 cts. each; $5.00 per doz.; $35.00 per 100.

**Set of 12 "Best" Varieties for $5.00.**

## Hybrid Perpetual Rose

# American Beauty.

We can supply this beautiful *forcing* Rose in strong two-year-old plants, but do not recommend it for outdoor culture. While it is undoubtedly one of the finest Roses when grown under glass under the care of the specialist, it is, as a rule, worthless out of doors, and we only carry it in stock in the spring of the year to supply customers who insist on trying it. 50 cts. each; $5.00 per doz.

**If you want Roses to cut all Summer, get Hybrid-Teas. See pages 176 to 184.**

Rose Mme. Gabeiel Luizet

# General Collection of Choice Hybrid Perpetual ROSES.

The twenty-four varieties listed on this page, together with the *Twelve "Best"* offered on preceding page, form a collection of this very hardy type which it is not possible to surpass.

We know from our own experience, as well as from reports received from customers, that these varieties will succeed and give satisfactory results in our climate.

For cultural directions see page 175.

**Alfred Colomb.** Bright, clear cherry-red, shaded with crimson; globular, full and very sweet.

**Alfred K. Williams.** Carmine-red, shading deeper; a full imbricated flower.

**Camille Bernardin.** Bright crimson, large, full and of fine form.

**Captain Christy.** Delicate, flesh-tinted white; a large, full flower; very free-flowering.

**Captain Hayward.** Bright crimson-carmine; an entirely distinct shade of color, of perfect form and very sweet.

**Charles Lefebvre.** Bright crimson, shading darker in the centre; very double, of fine form.

**Clio.** Flesh color, shaded in the centre with rosy-pink; large and of fine form.

**Duke of Edinburgh.** Very bright vermilion; a large, full, perfect flower.

**Earl of Dufferin.** Velvety crimson, shaded with maroon.

**Fisher Holmes.** Magnificent scarlet, shaded with deep velvety maroon; very brilliant, large and full.

**Francois Michelon.** Deep rose, reverse of petals silvery; large, full, globular form.

**Gloire de Margottin.** Brilliant, dazzling scarlet; a fine flower.

**Her Majesty.** Clear, bright, satiny rose, petals most regularly arranged and rich, heavy foliage; a gem.

**Hugh Dickson.** Brilliant crimson. shaded scarlet; large, very fragrant and very free-flowering.

**Jean Liabaud.** Rich velvety crimson, shaded black.

**Louis Van Houtte.** Vivid velvety crimson; large, full and of fine form; one of the best.

**Mabel Morrison.** White, slightly flushed with pink; quite distinct.

**Magna Charta.** Bright pink, suffused with carmine; a beautiful Rose, and a strong, vigorous grower.

**Marie Bauman.** Bright carmine; very large, smooth and of exquisite form; one of the best.

**Mme. Gabriel Luizet.** Pale pink; a delicate and beautiful tint; large and full, cupped; very sweet.

**Mme. Victor Verdier.** Rich cherry-red; large and full; beautifnl form; very sweet.

**Queen of Queens.** Pink, with blush edges; large, full and of perfect form; the best of its color.

**Tom Wood.** Cherry-red, shell-shaped petals.

**Victor Verdier.** Fine cherry-rose, shaded with carmine; very floriferous.

**Price.** Large, strong two-year-old plants, 50 cts. each; $5.00 per doz.; $35.00 per 100. The set of 24 varieties for $9.00.

Rose Fisher Holmes.

**We aim to offer only the best varieties of Roses.**

Lord Penzance's Hybrid Sweet Briers.

## MEMORIAL OR EVERGREEN ROSES.

(Rosa Wichuraiana.)

The type of this group of Roses, *Rosa Wichuraiana*, is of Japanese origin, and flowers during June and July. This, as well as the varieties that have originated from it, are of a trailing habit of growth, very hardy, and are recommended for covering graves; hence one of its names—Memorial Rose—climbing over walls, arbors, stumps of trees or for trailing over rocks or rough ground; in fact, anywhere where a climbing Rose can be used. The foliage is of a leathery texture, of a beautiful shining green, and not only proof against all insects, but is retained on the plants almost the entire winter, making them practically evergreen.

**Evergreen Gem.** Flowers buff, changing to creamy white, very double, foliage dense, of rich bronzy-green.

**Gardenia.** Buds bright yellow, opening double flowers of a cream color, incurving towards evening to the shape and of the color of a Cape Jessamine; hence its name.

**Pink Roamer.** Strong grower, with clusters of single, bright, rich pink flowers and almost white centre; orange-red stamens.

**South Orange Perfection.** Dwarf, trailing habit, double flowers, blush-pink at tips, changing to white.

**Triumph.** Double white flowers, produced in clusters; sweet-scented.

**Universal Favorite.** Flowers very double, of a pretty rose color.

**Wichuraiana.** Beautiful fragrant single pure white flowers, with yellow stamens, followed in fall with bright red berries.

Strong two-year-old plants, 30 cts. each; $3.00 per doz.; $20.00 per 100. Set of 7 sorts, $2.00.

## NEW HYBRID SWEET BRIER "REFULGENCE."

A great advance both in size of bloom and brilliancy of coloring. The flowers when fully expanded measure about 3½ inches in diameter. In opening the color is a dazzling scarlet, which changes to bright crimson as they develop. The rich array of golden stamens in the centre of the semi-double flowers forms a striking contrast to the gorgeous coloring of the petals. The flowers are produced in large bouquet-like clusters of 15 to 20. The foliage has the delicious Sweet-Brier fragrance. Strong two-year-old plants, $1.00 each; $10.00 per doz.

## LORD PENZANCE'S HYBRID SWEET BRIERS.

A correspondent of "Gardening" says of this class: "My collection of these beautiful hybrid Roses bloomed finely this season. The flowers are large and clear in color, and single or semi-double. In the part of my grounds where they are grown the atmosphere was heavy with the delicious scent of the Sweet Briers. They are strong, vigorous growers, throwing long, graceful branches, which are wreathed with flowers. These lovely hybrids are crosses between the common sweet brier and various other roses, and, like their parent, the foliage is deliciously scented. The flowers are of the most beautiful tints, and produced in great profusion, and the plants are perfectly hardy, and possess a robust vigor which is quite astonishing. On no account should they be pruned beyond removing whatever branches are undesirable to keep. If pruned back like ordinary Roses they produce very few blossoms. Give each plant a 4 to 6 foot long stake and tie up some of the leading shoots to it. These briers are seen to best advantage when isolated on the lawn, or if grouped set far enough apart to allow of each plant having unrestricted freedom and its branches to hang gracefully and naturally.

**Anne of Gierstein.** Dark crimson, of graceful habit.

**Brenda.** Maiden's blush or peach, dainty in color and shade; the effect of the golden anthers adds a peculiar charm.

**Lady Penzance.** Beautiful soft tint of copper, with a metallic lustre; the base of each petal is a bright yellow, which, showing through the golden anthers, forms a halo round them; very free-flowering, with a delicious perfume from foliage and flower.

**Lord Penzance.** Soft shade of fawn or ecru, passing to a lovely lemon-yellow in the centre, sometimes toned with a most delicate pink; a good grower and abundant bloomer; very sweet-scented.

**Meg Merrilies.** Gorgeous crimson, very free-flowering, wonderfully robust habit, large foliage; one of the best.

**Common Sweet Brier.** This is the true English Sweer Brier, or Eglantine. The single pink flowers are quite artistic, but it is valued most on account of the refreshing fragrance of its leaves.

Extra strong 2-year plants, 40 cts. each; $4.00 per doz. Set of 6 sorts, $2.00.

## AUSTRIAN OR YELLOW BRIER ROSES.

A very hardy type, producing medium-sized flowers of the most pleasing and rich shades of yellow, copper, etc. As this class of Rose produces its flowers from the tips of the previous season's growth, they must not be pruned; simply cut out superfluous and dead wood. They are especially useful to plant in the shrub border.

**Austrian Copper.** Beautiful bright reddish copper; single.

**Austrian Yellow.** Very deep yellow; single; beautiful.

**Harrison's Yellow.** Fine double golden-yellow flowers.

**Persian Yellow.** Large deep golden-yellow; extra fine.

Strong 2-year-old plants, 50 cts. each; $5.00 per doz.; $35.00 per 100.

Memorial Rose.

# New Hardy Climbing

## or Rambler

# ROSES

Climbing Rose
American Pillar.

Since the introduction of the Crimson Rambler, in 1894, this class of Roses has continued to gain popularity. Many splendid new varieties, both in single and double-flowering forms, have been added during the past few years. The best and most distinct of these we offer on this and following page.

## AMERICAN PILLAR.

A new single-flowering variety of great beauty, which appeals to everyone. The flowers are of enormous size, three to four inches across, of a lovely shade of pink, with a cluster of yellow stamens. These flowers are borne in immense clusters, and a large plant in full bloom is a sight not easily forgotten. They last in perfection a long time, and are followed by brilliant red hips or berries, which are carried late into the winter; and as the plant frequently retains its lovely green foliage until the end of November, it forms a beautiful decorative subject throughout the autumn months. Strong two-year-old plants, 75 cts. each; $7.50 per doz.

New Climbing Rose Christine Wright.

## CLIMBING AMERICAN BEAUTY.

A new Rose of great merit. A cross between American Beauty and an unnamed seedling; color a rosy crimson, identical with its popular parent, and with the same exquisite fragrance, a quality rarely found in climbing Roses. The plant is of strong habit of growth, making shoots from ten to fifteen feet in one season, and as hardy as an oak. The flowers are from three to four inches in diameter, of fine form, on long stems, and are produced in great profusion, not only in May and June, but there is a fair sprinkling of flowers throughout the growing season. We offer strong five-inch pots, $2.00 each.

## CHRISTINE WRIGHT.

A most exquisite new Rose, a cross between Caroline Testout and an unnamed seedling; it is of strong climbing habit, with large, heavy, dark green foliage, which is immune to disease of all kinds. The flowers are double, from 3½ to 4 inches in diameter, borne singly and in clusters on long stems, of perfect form, beautiful in the bud and in the fully expanded flower; in color a most refreshing bright wild-rose pink; it flowers profusely during June, and continues more or less throughout the season. We consider this a grand acquisition. A Rose that will please all. Strong plants in five-inch pots, $1.00 each.

## DELIGHT.

A most effective new single Rambler, with flowers borne in large clusters. These hang in graceful form, a truss being produced from almost every shoot. In color it is a bright carmine, the base of the petals white, with the centre filled with yellow stamens; a most harmonious color combination, which is intensified by the rich, glossy foliage. Strong two-year-old plants, $1 00 each.

# New Hardy Rambler ROSES

*(Continued.)*

## EXCELSA.

A distinct variety in form, color and habit; vigorous in growth, with healthy dark, glossy green foliage. The flowers are very double, produced in large trusses of thirty to forty, and almost every eye on a shoot produces clusters of flowers. The color is intense crimson-maroon, the tips of the petals tinged with scarlet. The individual flowers are very large for a climbing Rose, being similar to those of the General Jacqueminot, only the petals are of a more loose form. Strong two-year-old plants, $1.50 each.

**Everblooming Crimson Rambler "FLOWER OF FAIRFIELD."**
A counterpart of Crimson Rambler in every respect, except that it is everblooming, every new growth being terminated with a large cluster of flowers. Strong two-year-old plants, 50 cts. each; $5.00 per doz.

## HIAWATHA.

There is no other Rose so brilliant as Hiawatha. It must be seen to be appreciated. Its flowers are about 1½ inches across, and produced in long, pendulous sprays, with frequently from 40 to 50 flowers on a spray. In color it is brilliant, ruby-carmine, with a clear white eye and a mass of golden stamens—a glowing combination of colors, which can be seen at a great distance, and which does not tire the eye as do masses of Crimson Rambler. The plant is of strong, vigorous growth, with bright green, glossy foliage, which is retained until late in fall. (See illustration.) Extra strong 2-year-old plants, 50 cts. each; $5.00 per doz.

## NEWPORT FAIRY

Is also a most valuable single-flowering Rambler Rose, but with flowers of a deep pink, which shade lighter towards the centre. It is a strong grower, and produces its large clusters of flowers in great profusion. An established plant with thousands of flowers open at one time is very attractive Strong two-year-old plants, 50 cts. each; $5.00 per doz.

New Rambler Rose, Hiawatha.

## TAUSENDSCHÖN.

Entirely distinct, not only in Ramblers, but in climbing Roses generally. The individual flowers are very large for this type of Rose, being fully 3 inches across and of a most elegant and graceful form, not stiff or unnatural, but as beautiful as a semi-double Azalea. In color it is a most delightful shade of soft pink when first opening, changing to carmine on the reverse of petals when fully expanded. These are produced in trusses of from 10 to 15 flowers, each truss a veritable bouquet. Extra strong two-year-old plants, 50 cts. each; $5.00 per doz.

## The Blue Rose "Veilchenblau."

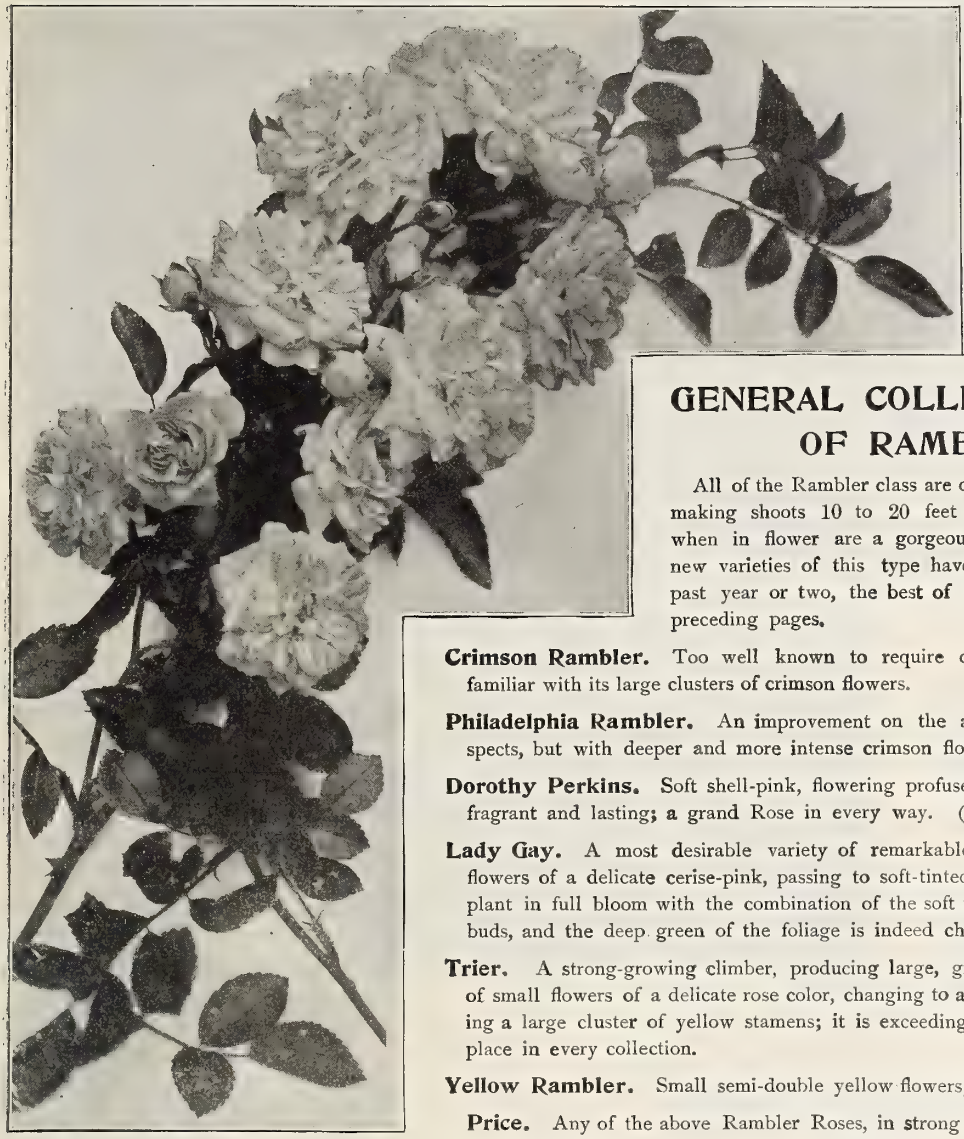
The sensational so-called blue Rose which has been so widely advertised by many growers; a strong, vigorous grower, with dark green, healthy foliage. Strong two-year-old plants, 50 cts. each; $5.00 per doz.

## WHITE DOROTHY.

Among Rambler Roses none has justly gained greater popularity than the beautiful pink Dorothy Perkins. The White Dorothy is a duplicate except in color, which is white, a decided acquisition to this class of Roses Strong two-year-old plants, 50 cts. each; $5.00 per doz

**Special Offer:** **We will supply one each of the eleven New Hardy Rambler Roses offered on preceding page and above, in strong two-year-old plants, for $7.50.**

Our "International" Set of three Hybrid-Tea Roses are extra fine. See page 176.



Rambler Rose, Dorothy Perkins.

# Hardy

## Climbing

# ROSES

## GENERAL COLLECTION OF RAMBLER ROSES.

All of the Rambler class are of strong, vigorous growth, making shoots 10 to 20 feet long in one season, and when in flower are a gorgeous sight. Some very fine new varieties of this type have been introduced in the past year or two, the best of which are offered on the preceding pages.

**Crimson Rambler.** Too well known to require description. Everyone is familiar with its large clusters of crimson flowers.

**Philadelphia Rambler.** An improvement on the above; identical in all respects, but with deeper and more intense crimson flowers.

**Dorothy Perkins.** Soft shell-pink, flowering profusely in large clusters; very fragrant and lasting; a grand Rose in every way. (See cut.)

**Lady Gay.** A most desirable variety of remarkable, vigorous growth, with flowers of a delicate cerise-pink, passing to soft-tinted white. The effect of a plant in full bloom with the combination of the soft white flowers, cherry-pink buds, and the deep green of the foliage is indeed charming.

**Trier.** A strong-growing climber, producing large, gracefully arranged trusses of small flowers of a delicate rose color, changing to a creamy-white, and showing a large cluster of yellow stamens; it is exceedingly pretty, and deserves a place in every collection.

**Yellow Rambler.** Small semi-double yellow flowers; very fragrant.

**Price.** Any of the above Rambler Roses, in strong 2-year-old plants, 40 cts. each; $4.00 per doz. Set of the 6 sorts for $2.00.

## GENERAL COLLECTION OF HARDY CLIMBING ROSES.

**Baltimore Belle.** Blush, flowers in clusters.

**Climbing Clothilde Soupert.** Identical in color with the bedding rose of this name, but a strong, vigorous climber.

**Paririe Queen.** Deep rose, hardy and desirable.

**Reine Marie Henriette.** Cherry-crimson. By many this fine Rose is known as the Red Gloire de Dijon.

**W. A. Richardson.** A peculiar shade of orange-yellow; very distinct; requires protection.

**White Microphylla.** Creamy-white; an old favorite.

Extra strong two-year-old plants, 40 cts. each; $4.00 per doz. Set of 6 sorts for $2.00.

## TENDER CLIMBING OR PILLAR ROSES.

These are not hardy in the latitude of Philadelphia, except in favored positions, or with protection; especially adapted to covering rafters. etc., in greenhouses.

**Chromatella** (*Cloth of Gold*). Golden-yellow.
**Devoniensis.** Creamy-white, of lovely form.
**Gloire de Dijon.** Blush and yellow.
**Lamarque.** Creamy white.

**Marechal Neil.** Superb; bright golden-yellow.
**Solfaterre.** Fine shade of light yellow.
**White Banksia.** White, small flowers; very fragrant.
**Yellow Banksia.** Yellow, small flowers; very fragrant.

Strong two-year-old plants, 50 cts. each; $5.00 per doz. One each of the 8 sorts for $3.00.

**EXTRA STRONG** plants of **Marechal Neil** and **Gloire de Dijon,** with canes about 8 feet long, at $1.50 each.

**The notes on HOW TO GROW ROSES on page 175 should be of assistance to the amateur.**

# Dreer's Select Hardy Perennial Plants.

A Hardy Perennial Border.

Of all the plants that are cultivated for purely ornamental purposes there are none which have made such rapid strides in public favor as the **Old-fashioned Hardy Garden Flowers,** the inhabitants of the perennial garden. Their popularity is not at all surprising when we consider the many varied and pleasant changes which take place throughout the entire growing season in a well-arranged hardy garden, in which every week—yes, every day—brings forth something fresh and new to interest and delight even the most critical. Beginning in April the early-flowering varieties open their flowers often before the snow has entirely disappeared, and continue, with constant changing variety, throughout the summer until late in the fall, when only severe freezing weather will stop such persistent late-blooming kinds as Japanese Anemones, Pompon Chrysanthemums, Gaillardias, Stokesias, Tritomas, etc.

## THE MAKING AND CARE OF AN OLD-FASHIONED HARDY BORDER.

Frequent are the discussions and many are the ideas concerning their cultivation and the best method of arranging them in the garden, but no hard or fast lines can be laid down, as it largely depends on location, the ground at the disposal, and the individual taste of the cultivator. In arranging hardy flowers one should never forget the ways of Nature, choosing the flowers she uses in the positions she thinks most suitable, while endeavoring to conceal stiffness of arrangement by a careful study of her plans and the judicious use of the beautiful hardy plants at our disposal.

**Situation.**—There is no class of plants which lend themselves to such varied assortment of climatic or soil conditions, but the most effective position for Hardy Perennial plants in general is a good open border, backed by a hedge, a fence or trellis covered with Rambling Roses or any other hardy climbing vines; while some of the taller-growing sorts, such as Hollyhocks, Sunflowers, Rudbeckias, Boltonias, Bocconias, etc., are also very attractive when planted throughout a shrubbery border, their showy flowers forming a bright contrast with the foliage of the shrubs throughout the summer and fall when few of the latter are in bloom.

**Soil and Planting.**—Cultivation is of the simplest, beginning with any good garden soil as a foundation, which may be enriched with such fertilizers as well-decomposed manure, bone-meal, or sheep manure deeply dug and well-pulverized. The best time to plant hardy plants is just when they are emerging into life after their season's rest, when the weather is favorable and the soil in condition, or they may be set out in the autumn. Above all things avoid wet planting. Do not make the common mistake of overcrowding; give each plant sufficient room to allow it to develop to its full size. The nearest approach to a rule which may be followed in planting being to set out plants which grow to a height of 2 feet or less 12 inches apart and all others space equal to one-half their height when developed. For example, Aquilegias and Gypsophila, which grow 2 feet high, may be planted 12 inches apart, while Delphinium formosum and Japanese Iris, which grow 3 feet high, should be 18 inches apart. Care should also be taken to blend the colors throughout the garden, so as to prevent too many of one shade of color coming together, causing jarring contrasts. The season of flowering of the different types should also be taken into account, and the different plants as evenly dispersed as possible in order to maintain an equality of flowering plants, leaving no portion of the garden bare or flowerless nor crowding together too many that bloom at the same season.

**Care in Summer.**—During the growing season careful attention should be given if best results are to be obtained. There is nothing so beneficial as frequent stirring up around the plants and raking the ground into order again; it allows the air to move more freely through the surface of the soil, thereby encouraging growth and keeping the weeds in check. During hot, dry weather, or when it is not convenient to water, a mulch of any loose, light material will be found very beneficial in retaining the moisture and in keeping the soil from baking; short grass, the rakings of the lawn after cutting, is excellent material for this purpose. Early in summer many varieties will have made considerable growth, and the supporting of these should be taken up in time. It is hardly possible to stake and tie up a plant so that it will have the same graceful appearance as if grown naturally without their aid; still, supports should be inserted at all tall-growing sorts early in the season while the plants are small. In this way they will lend themselves more naturally to their support than if this work is accomplished after the plants have made considerable growth. Once the plants get broken down or allowed to get "set" it is impossible to tie them up into natural shape again. This phase of summer work in the garden is often considered a matter of small importance, yet the difference between doing same in a slipshod and a workman-like manner is most apparent, and, while fully sympathizing with those who may not be able to spare the time or who may not have the materials at hand necessary to perform this work in the best possible manner, it cannot be too strongly emphasized that these are two of the most important factors in the successful cultivation of all out-of-door plants. The removal of old flower stems will also materially help the appearance of the plants at all times, many species responding to this treatment with an extra crop of flowers later in the season. All decayed foliage should also be removed, so as to keep the garden neat and tidy at all seasons.

**This article is continued on next page.**

## The Making and Care of an Old-Fashioned Hardy Border.—*Continued.*

**Winter Care.**—About the middle of November or later, when all the soft growth has been killed by the frost and the plants are thoroughly ripened, the old hard-wooded stems should be removed and burned up. It will then be found beneficial to cover the plants with a top dressing of loose stable litter, or, if this is not to be had, a covering of leaves—Nature's protection. This covering is best applied when the ground is in a dry condition and should not be overdone ; two or three inches spread over loosely being all that is required. A deeper covering would incite the plants into premature growth in the early spring with a liability of damage by late frosts ; don't be in a hurry to cover the plants, a little frost will do them good. As the extreme cold weather begins to disappear this covering should be removed by degrees, allowing any young growths which the plants may have made to gradually harden off. This process usually occupies only a few days, after which the plants may be fully exposed to the sunshine, and the litter or covering which has protected them during the winter may be raked up and removed.

**Replanting.**—It is all nonsense to suppose that Hardy Perennials once planted require no attention for several years. The truth is, if we wish them to give entire satisfaction we must each spring see that each variety is treated in the best manner to insure its fullest dedelopment during the next flowering season. Many ideas are advanced on the question of how often they ought to be divided and transplanted, but no positive rule can be applied. Some sorts will take two or three years or even longer to get established and develop their fullest beauty after being transplanted, and usually the longer they are allowed to grow without disturbance the better results will be accomplished, while others should be transplanted or reset each season.

Most hardy plants which flower during the spring or early summer months, such as Anthericum, Pæonies, Doronicum, Dielytras, etc., produce their new growth from the crown of close, compact roots, and are better if left undivided and undisturbed for several years, the only care necessary for these being a liberal covering with fresh soil or compost early in spring. The late summer and autumn blooming species are usually of a more vigorous growth. Such sorts as Helianthus, Rudbeckias, Asters, Boltonias, Physotegias, etc., on which the original crowns die out each season and many new growths are made, are far better if replanted each season, selecting from three to five of the strongest growths, which, after the ground has been redug and enriched, may be reset in the same position or replanted to another section of the garden. Treated in this manner, they will not only produce flowers of larger size and finer colors, but will keep the stronger and more rampant growing varieties from crowding out their equally interesting but less vigorous neighbors.

Many not thoroughly familiar with this class of plants have an idea that nothing but a large field-grown clump will give satisfactory returns the first season. This, as experience has taught us, is in most instances a mistake. A vigorous plant of proper size will, in nearly every case, give quicker and better returns than the best so-called "field clumps." The majority of the stock offered in this catalogue is pot-grown. This does not mean that the plants have been altogether pot-grown, but that they have been field-grown and dug and potted up during the fall months, and such stock can be planted, even late in the spring, with practically no loss, which, in the case of clumps, is often quite serious. The following letter from the well-known and successful amateur, W. C. Egan, endorses our views on this matter.

EGANDALE, ILL.

GENTLEMEN—Your shipment of perennials arrived safely today in most excellent order. It certainly is a pleasure, as well as a profit, to receive plants from you. Your system of growing these in pots allows shipment without disturbing the roots, thus insuring uninterrupted growth and no loss in planting.

Respectfully yours,
W. C. EGAN.

AN EFFECTIVE HARDY BORDER.

The list of Hardy Perennial plants which we offer in our garden book is admitted to be the most complete and up-to-date collection in the country, and we are continually adding all the new, rare and desirable sorts, both of home and foreign introduction, to our list.

**While we are not in the landscape business and cannot undertake the preparation of plans for planting or laying out of grounds,** we offer for customers who are not acquainted with the different sorts the following "Introduction Collections," all in good, strong roots, which when once planted will, with little care, keep the garden gay with flowers from the time frost leaves the ground until late in autumn.

## Dreer's "Introduction" Collection of Hardy Perennial Plants.

| | |
|---|---|
| 12 distinct species, our selection | $1 50 |
| 25 " " " " | 2 75 |
| 50 distinct species and varieties, our selection | $5 00 |
| 100 " " " " " " | 9 00 |

## Hardy Perennials Suitable for Growing in Shady Positions.

We are frequently asked to recommend a list of Perennials that will grow in the shade, and while the sorts noted below are suited for this purpose, many of them will do equally well in a sunny position. Descriptions, prices and cultural notes will be found under their respective heads.

**Aconitum** (*Monkshood*).
**Actæa spicata** (*Baneberry*).
**Ajuga** (*Bugle*).
**Amsonia.**
**Anemone** Pennsylvanica (*Windflower*).
  " Pulsatilla (*Pasque flower*).
  " Sylvestris (*Windflower*).
**Caltha** (*Marsh Marigold*).
**Carex** (*Sedge*).
**Chamælirium.**
**Convallaria** (*Lily of the Valley*).
**Dielytra** (*Bleeding Heart*).
**Epimedium** (*Barren-wort*).

**Ferns.**
**Funkia** (*Plantain Lily*).
**Helleborus** (*Christmas Rose*).
**Hemerocallis** (*Day Lily*).
**Hepatica** (*Liver Leaf*).
**Orobus** (*Bitter Vetch*).
**Pachysandra.**
**Podophyllum** (*May Apple*).
**Polygonatum** (*Solomon's Seal*).
**Primula** (*Primrose*).
**Pulmonaria** (*Lungwort*).
**Ranunculus repens fl. pl.** (*Buttercup*).
**Rodgersia.**

**Saxifraga** (*Megaseas*).
**Smilacina** (*False Solomon's Seal*).
**Spigelia** (*Carolina or Indian Pink*).
**Spiræa** (*Meadow Sweet*).
**Stenanthium** (*Mountain Feather Fleece*)
**Thalictrum** (*Meadow Rue*).
**Tiarella** (*Foam Flower.*)
**Tradescantia** (*Spider-wort*).
**Tricyrtis** (*Japanese Toad Lily*).
**Trillium** (*Wood Lily or Wake Robin*).
**Trollius** (*Globe Flower*).
**Vinca** (*Periwinkle or Trailing Myrtle*).
**Violet** (*Hardy Russian*).

# New and Rare Hardy Perennials.

**All orders, unless instructions are received to the contrary, are executed and forwarded upon receipt. Customers placing orders for stock to be reserved and sent later must distinctly specify this at time of ordering.**

On the following 7 pages we give a very select list of the newest things in Hardy Perennials; also a number of varieties which are not new, but which are quite rare and seldom offered. Our General List of Hardy Perennials is the most complete in this country, and is given on pages 203 to 243.

## NEW JAPANESE ANEMONES (Anemone Japonica).

**Alice.** An introduction by the raiser of the now popular variety Queen Charlotte, over which it is a great improvement. The plant is of robust habit; the flowers, when first opening, have the form of a rose; as they expand the silvery-rose, shell-like petals become suffused with a fresh carmine, which, together with the yellow stamens, make it entirely distinct from all others.

**Kriemhilde.** Semi-double flowers 4 inches in diameter, composed of long, narrow, closely-set petals of a lovely rose-pink, and borne on stout, stiff stalks; as charming as it is distinct.

**Loreley.** A neat, cup-shaped, semi-double flower about 3 inches across, of a bright, silvery mauve-pink, borne on good, stiff stems, and exceptionally free-flowering.

**Price,** any of the above, 35 cts. each. Set of 3 sorts for $1.00.

Achillea Boule de Neige

## Achillea Ptarmica Fl. Pl. "Boule de Neige" (Ball of Snow).

Achillea "The Pearl" has long been one of our most popular white-flowering hardy perennials. In this new variety we have its counterpart in every way, except that the flowers are of more perfect form, with fuller centres, which makes it appear purer in color. (See cut.) 25 cts. each; $2.50 per doz.

Aetheopappus Pulcherimus.

## AETHEOPAPPUS PULCHERIMUS.

This will not only prove a most valuable flowering plant for garden decoration, but will be equally valuable for cutting. Its flowers, which are not unlike the Royal Sweet Sultan, are a magnificent brilliant rose, and last a long time when cut and placed in water. It blooms in July, and the plant grows 2 to 2½ feet high, and is perfectly hardy. (See cut.) 50 cts. each.

## Anchusa Italica, Dropmore Variety.

One of the most important and best hardy plants of recent introduction, and a grand improvement on the original type of *A. Italica*, or Italian Alkanet, and a plant which, on account of its remarkable freedom of flowering and its beautiful blue color, is sure to become one of our most popular Hardy Perennials. It attains a height of 5 to 6 feet, and produces its pretty gentian-blue flowers, which are from 1 to 1¼ inches in diameter, throughout the entire summer. 25 cts. each; $2.50 per doz.

## ANCHUSA ITALICA, OPAL.

Similar in all respects to the Dropmore variety, except in color, which is a fine lustrous light blue. 35 cts. each; $3.50 per doz.

## ANEMONOPSIS MACROPHYLLA.

A very rare Hardy Perennial from Japan, growing about 2 feet high. The general habit of the plant as well as its unopened flower buds is not unlike a miniature Japanese Anemone. The rich violet bell-shaped flowers are produced in loose racemes late in summer. Prefers a partly shaded position. 75 cts. each.

Anchusa Italica, Dropmore Variety.

## ARTEMISIA LACTIFLORA.

A splendid hardy herbaceous perennial, with erect stems 3½ to 4½ feet high, clothed with elegant-cut, dark green foliage and terminated by panicles of Hawthorn-scented, creamy-white, Spiræa-like light and graceful flowers. It is at its best from the latter part of August to the end of September, and is particularly valuable on this account, being unlike any other plant in bloom at that time. (See cut.) 30 cts each; $3.00 per doz.

## ASTILBE GRANDIS.

A grand species; an introduction from China, which will prove a fine companion for *A. Davidii,* being of similar habit of growth; 5 to 6 feet high; the panicles of white flowers being frequently 2 to 2½ feet long; the foliage is much divided and attractive; requires a moist, heavy soil. 25 cts. each; $2.50 per doz.

## Astilbe or Spiræa "Queen Alexandra."

A beautiful new variety, which is much used for forcing as a pot plant, but being a perfectly hardy plant, it will prove just as valuable for the border. It differs from the ordinary varieties in color, which is a soft, delicate pink. 40 cts. each; $4.00 per doz.

## ASTILBE ARENDSI.

We offer on page 198 six fine varieties of this splendid new hardy herbaceous plant.

### New Hardy Phloxes.

In addition to the finest list of standard varieties offered in this country, we list 3 choice new sorts this season. See page 232.

New Japanese Anemone.
(Offered on page 196.)

Artemisia Lactiflora.

## NEW ALPINE ASTER.

(Aster Alpinus Magnificus.)

A giant-flowered form of this dwarf Aster, the flowers measuring fully 2½ inches across, of a rich violet-purple shade, with yellow centre. 20 cts. each; $2.00 per doz.

Aster Beauty of Colwall.

## NEW HARDY ASTERS.

**Amellus, Beaute Parfait.** The finest of this type yet introduced. It grows about 15 inches high; the flowers are very large of royal violet-purple with yellow centre, and are produced very freely during July and August.

**Beauty of Colwall.** This is unquestionably one of the finest of the Michaelmas Daisies, of upright, compact growth, about 4 feet high, of free-branching habit and literally covered during September with large semi-double flowers of ageratum-blue, a pleasing shade. (See cut.) 50 cts. each; $5.00 per doz.

**Lævis Baldur.** Very large flowers, of light parma-violet, plant very uniform in habit of growth, about 2 feet high, and covered with a sheet of bloom throughout September. 50 cts. each; $5.00 per doz.

**Sub=cœruleus.** Entirely distinct in habit, forming a dense tuft of long green leaves, from which issue many leafless stems about 12 inches high, bearing, during June and July, when few varieties are in flower, massive flowers 3 inches in diameter of a pleasing shade of bluish-violet, with golden centre.

**Thompsoni nana.** One of the most beautiful large-flowered sorts yet introduced. The flowers are not only of exceptional size, but of graceful, stellate form and of a pleasing Venetian blue color; grows 15 to 18 inches high, and blooms in July and August.

**Mesa Grande speciosa grandiflora.** The finest dark purplish-blue Aster in cultivation, producing large flowers on leafless stems 18 inches high during July and August.

**Price,** except where noted, 25 cts. each; $2.50 per doz. Set of 6 sorts for $1.50.

**HARDY PHLOXES** are one of our leading specialties. See pages 231 to 233.

## ASTILBE ARENDSI.

This new type is the result of crossing *A. Davidii* with *A. Japonica compacta, astilboides and Thunbergi.* The plants are of very vigorous growth, 2½ to 4 feet high, producing many-branched, feathered heads of flowers. They prefer a half-shady, moist position in any ordinary garden soil.

**Ceres.** Much-branched panicles of delicate, light rose-colored flowers with peculiar silvery sheen.

**Juno.** Strong, upright grower; plumes of a deep violet-rose color.

**Pink Pearl.** Dense pyramidal panicles of small pearl-like flowers of delicate light pink.

**Salmon Queen.** Much-branched, graceful panicles of a beautiful salmon-pink.

**Venus.** Similar to Ceres, but of bright, deep violet-rose color.

**Vesta.** Very graceful plumes of light lilac-rose.

50 cts. each. One each of the 6 sorts for $2.50.

ASTILBE ARENDSI.

## CARLINA ACANTHIFOLIA.

A beautiful mountain thistle, and an interesting plant, especially useful for a sunny rockery. It forms a rosette of large silvery-grey foliage, the centre of which is crowned with a large, spiny, silvery, thistle-like, stemless flower fully 6 inches across. 50 cts. each.

### NEW PÆONIES.

We offer a select list of these on page 229.

OSTRICH PLUME SHASTA DAISY.

NEW DELPHINIUM.

## Clematis Recta Fl. Pl.

Identical to the beautiful single-flowering type offered on page 212, except that the flowers are double and larger. We consider this one of the most desirable perennials in our collection, and although introduced more than ten years ago, this plant is seldom offered for sale, owing to its being difficult to propagate. We offer strong plants at $1.00 each.

## NEW SHASTA DAISY

### "Ostrich Plume."

This Ostrich Plume Daisy, as it has very appropriately been named, is a semi-double form of Burbank's famous Shasta Daisy, with long, glistening, pure white petals. The flowers are of large size, and, on established plants, may be cut with stems 24 inches long.

Of strong, vigorous habit, perfectly hardy, and remarkably free-flowering, commencing to bloom early in June and continuing throughout the season until severe frost. 30 cts. each; $3.00 per doz.

## THREE GRAND NEW DELPHINIUMS.

**Hybridum Moerheimi.** This is the first really white hybrid Delphinium introduced, and is a decided acquisition. The plant is of strong, vigorous growth, 5 feet high, the lateral or side shoots 2½ feet high. The flowers are of purest white, without the slightest shading; a free and continuous bloomer from June till frost. Stock limited. $2.50 each.

**Belladonna Hessen.** A variety of the beautiful Belladonna in which the coloring is a more intense blue; flowers fully 1½ inches across. 75 cts. each.

— **Nassau.** Another very branching variation, with soft nile-blue flowers of extra large size. 75 cts. each.

WE OFFER SEEDS OF SOME OF THE NEWER DELPHINIUMS. See Flower Seed Novelties, pages 58 to 68.

Hardy Fern, Scolopendrium Officinarum Undulatum.

## RARE HART'S-TONGUE FERNS.

The common English Hart's-tongue Fern *Scolopendrium officinarum* is a well-known and much-admired hardy plant, which may be grown in a shady, well-drained, moist corner of the garden, where few other plants would succeed. We offer this, as well as three most interesting varieties, which must be seen to be appreciated.

**Scolopendrium officinarum.** 25 cts. each; $2.50 per doz.

— — **Digitate cristatum.** Ends of fronds much branched and crested.

— — **Marginatum.** Edges of the fronds deeply serrated.

— — **Undulatum.** Fronds beautifully waved and crested.

**Price,** 50 cts. each; $5.00 per doz., except where noted. One each of the 4 sorts, $1.50.

## Gypsophila Paniculata Fl. Pl.

**(Double-flowering Baby's Breath,)**

The single-flowering form has always been a favorite, its misty bloom being indispensable in a naturally-arranged bunch of flowers. Add to this the pretty little double rosette-like flowers of this new variety, which are produced in much-branched panicles, 3 to 3½ feet high, and we have a plant not only valuable for cutting—as it can be cut and dried, retaining its beauty for months in this shape—but a most desirable addition to the hardy border. (See cut.) 25 cts. each; $2.50 per doz.

Gypsophila paniculata Fl. Pl.

NEW and RARE Garden and Green=house Plants

are offered in pages 128 to 132.

## GENISTA TINCTORIA FL. PL.

A double-flowering Broom growing about 2 feet high and producing masses of pretty double yellow flowers in May and June. While an excellent subject for the hardy border, it is especially valuable as a rock plant. 35 cts. each.

## GENTIANA SCABRA BUERGERI.

A perfectly hardy Japanese species of the blue Gentian, which comes into bloom in October and continues in good condition throughout November. Its large heads of fresh blue flowers attract much attention at a season when there are but few outdoor flowers. 75 cts. each.

### New Ornamental Grass.

## EULALIA JAPONICA ZEBRINA STRICTA.

Identical to the well-known hardy Zebra grass except in habit of growth, which is more erect on account of which the transverse variegation of yellow and green appears more pronounced. 35 cts. each; $3.50 per doz.

## THREE HANDSOME HELENIUMS.

**(Sneeze-worts.)**

**Riverton Gem.** A variety that originated with us. Of strong growth, 2½ to 3 feet high. Covered from August to October with brilliant old-gold suffused with bright terra-cotta flowers, changing as they mature to a wallflower red.

**Riverton Beauty.** Another variety which originated with us, and which is entirely distinct, the flowers being of a rich lemon-yellow, with a large cone of purplish-black, the two colors forming a most pleasing combination. The plant is of strong, vigorous growth, attaining a height of 3 to 4 feet, and a most profuse bloomer.

**Autumnale Rubrum.** Another splendid variety, the flowers of which are a bright terra-cotta throughout without suffusion of any other color. Very effective; 4 to 4½ feet.

25 cts. each; $2.50 per doz.

## HEMEROCALLIS AND HOLLYHOCKS.

We feature these two fine old-fashioned hardy plants this season, offering a very select list of both. For illustrations and descriptions see pages 222 and 223.

Helenium Riverton Beauty.

## NEW GERMAN IRIS.

**Introductions of Goos & Koenemann.**

**King of Iris.** A striking novelty, with flowers of perfect form, the standards clear lemon-color, while the falls, which are very large, are a deep satiny-brown, with a broad border of golden yellow.

**Lohengrin.** One of the strongest growers, both foliage and flowers being of gigantic size, the flowers nearly 5 inches deep, with petals two inches wide and of that beautiful pink color peculiar to the Cattleya orchid. 75 cts. each.

**Nibelungen.** Flowers as large as the preceding; standards olive-green, suffused with yellow; falls deep purple, suffused with creamy-white on the edges.

**Mithras.** Flowers of good size, standards pale yellow, falls violet shaded with claret and yellow border.

**Princess Victoria Louise.** Standards pure sulphur-yellow; falls rich plum color, with cream-colored edges. A new and distinct combination of colors.

**Rhein Nixe.** Standards pure white, falls deep violet-blue, with white margin, will attain a height of 3 feet, with many-branched stems. Very free-flowering.

**Price,** except where noted, 60 cts. each. Set of 6 sorts for $3.00.

## GERMAN IRIS, "BLACK KNIGHT."

A rare and beautiful variety, of intensely deep color, standards rich, deep violet blue, falls velvety purple-black; exceedingly rich and striking. 75 cts. each.

## IRIS PALLIDA FOLIA VARIEGATA.

This new Iris is conspicuous on account of its beautifully-variegated foliage, which is of a glaucous green, with broad bands of creamy-yellow, every leaf being well marked. It is of free growth, and when well established attains a height of 2 to 2½ feet, and is very attractive. Its flowers are of a soft, pale lavender. 50 cts. each; $5.00 per doz.

Heuchera (Alum Root).

## NEW HEUCHERAS (Alum Root).

The five varieties offered below have been selected as the best and most distinct from a collection of thirty French introductions. Like Heuchera sanguinea, they grow about 18 inches high, and produce their graceful sprays of flowers in great profusion during July and August.

**Fantasie.** Sulphur-yellow tinted green; tips of petals bronzy-red.
**Grenade.** Bright red tinted carmine; very vigorous.
**Pluie de Feu.** Bright raspberry-red; very free.
**Profusion.** A free-flowering ivory-white.
**Virginal.** Large tubular flowers of creamy white.

35 cts. each. Set of 5 sorts, $1.50.

## IRIS PALLIDA FOLIA ARGENTEA VARIEGATA.

Identical to the above, except that the variegation, instead of being creamy-yellow, is silvery white; very pretty. 75 cts. each.

## IRIS INTERREGNA. Introductions of Goos & Koenemann.

An interesting new type, the result of crossing *I. germanica* with *I. pumila hybrida*, and for which there promises to be a great future. They bloom earlier than the German Iris, and the flowers combine perfection of form with large size, and clear and decided colors. The foliage is dwarf, and maintains its freshness throughout the season. The flower stems are almost 18 inches high, holding the flowers well above the foliage.

**Gerda.** Standards light cream, falls deep cream with golden yellow veins. 75 cts. each.
**Halfdan.** Pure creamy-yellow, of perfect form.
**Helge.** Light citron, with pearl-colored centre. A beautiful soft shade.
**Ingeborg.** Pure white; flowers 5 inches deep with petals 2 inches wide. A grand flower.
**Walhalla.** Standards rosy-lavender; falls velvety claret-red. A most distinct and beautifully formed flower.

50 cts. each, except where noted. Set of 5 varieties for $2.50.

## IRIS PUMILA HYBRIDA.

**Introductions of Goos & Koenemann.**

**Schneekuppe.** A pure white variety of the same form, and approaching in size Iris germanica.
**Floribunda.** One of the freest flowering yet introduced, standards creamy yellow, falls deeper in color, with greenish veins.

60 cts. each. One of each for $1.00.

Iris Interregna.

## LITHOSPERMUM PROSTRATUM "HEAVENLY BLUE."

A beautiful turquoise-blue colored form of one of the most useful of our rock-plants, which succeeds admirably under our trying climatic conditions, producing its pretty, small flowers continuously from May to September. 50 cts. each.

## LUPINUS POLYPHYLLUS MOERHEIMI.

The European introducer of this plant, to whom we are indebted for many of our good hardy plants, in speaking of this new Lupine, says that it is one of the finest novelties in hardy plants he ever introduced, and we feel justified in adding that among the new perennials which we have tried none gave us more pleasure. The habit of the plant is robust, forming symmetrical specimens 3 feet high, with spikes of flowers over a foot long, in color superb, being a combination of light and dark shades of pink without a trace of magenta. 35 cts. each; $4.00 per doz.

## RARE LYCHNIS.

Japanese varieties, with flowers fully 2 inches across and produced freely in May and June. Plants grow 18 inches high, and require a moist position and protection in winter.

**Cognata alba.** Pure white. 50 cts. each.
**Grandiflora.** Salmon-red, with cleft or laciniated petals. 50 cts. each.

## MONARDA DIDYMA VIOLACEA.

A splendid new variety of the Bergamot, or Oswego Tea; of a distinct and novel bright amaranth-red color; blooms very freely during July and August. (See cut.) 30 cts. each; $3.00 per doz.

### New Hardy Phloxes.

These are offered with the standard varieties on page 232.

Monarda Didyma Violacea.

Pyrethrum Uliginosum Stellata.

Lupinus Polyphyllus.

## Phlox Divaricata Laphami (Perry's Variety).

Phlox divaricata canadensis offered and illustrated on page 233 has long been a favorite plant for the border and rockery, and deservedly so, it being a free-flowering, showy plant, adapting itself to almost any soil and position. In this new variety we have a great improvement, the plant being more robust, the flowers considerably larger and of a more intense shade of blue. 25 cts. each; $2.50 per doz.

## PODOPHYLLUM EMODI MAJUS.

(Himalayan Mandrake, or May Apple.)

A curious species, growing almost 3 feet high, with pale green leaves, prettily marbled with bronze. The clear pink flowers are followed by large coral-red fruit; requires a partially shaded, rich, damp position to develop its full beauty $1.00 each.

## POTENTILLA, MISS WILLMOTT.

A superb single-flowering variety of Cinquefoil, producing large, bright, deep rose colored flowers from July to September. 35 cts. each; $3.50 per doz.

## PRIMULA ACAULIS, MISS MASSEY.

A novel and splendid form of the English Primrose, with large, single flowers of deep crimson, with prominent yellow eye; pretty for the shady border, flowering in early spring. 25 cts. each; $2.50 per doz.

## PULMONARIA ANGUSTIFOLIA AZUREA.

(Blue Cowslip, or Lungwort.)

The prettiest of the blue Cowslips; grows about a foot high, and one of the first to bloom in early spring, bearing attractive funnel-shaped, deep gentian blue flowers; very desirable. 50 cts. each.

## PYRETHRUM ULIGINOSUM STELLATA.

A variety which originated in our Nursery. It is a greatly improved form of the Giant Daisy, and, like its parent, has flowers of glistening white, but fully one-half larger, with long, narrow petals, forming a much more graceful and refined flower. The best and most useful Daisy for cutting during August and September. (See cut.) 35 cts. each; $3.50 per doz.

**You will make a good start on your hardy border by getting one of our "Introduction" collections offered on page 195.**

Thalictrum.

## RANUNCULUS GRAMINEUS.

A dainty variety of the Buttercup, for the rockery or border, with grass-like leaves, and producing masses of yellow flowers on much branched stems, 6 to 8 inches high, during April and May. 25 cts. each; $2.50 per doz.

## RODGERSIA TABULARIS.

A rare Siberian species with attractive pale green foliage, which in established plants is borne on stems 3 to 4 feet high and is fully 18 inches in diameter and retains its fresh and stately appearance throughout the season, its fluffy, feathery, white flowers not unlike an Astilbe are borne on sprays 6 feet high during mid-summer. 75 cts. each.

## SEDUM SPECTABILIS "BRILLIANT."

Originated with us as a sport from the variety *atropurpurea*, and by far the richest-colored yet introduced, being a bright shade of amaranth-red or dark crimson 25 cts. each; $2.50 per doz.

## NEW SENECIOS (Groundsel).

Two strong-growing species from China, especially suited for planting in low, moist ground, where they will grow from 3 to 5 feet high, producing a bold effect.

**Veitchianus.** Its tall flower stems arise from a wide-spreading tuft of large cordate leaves, bearing bright yellow flowers in July and August.

**Wilsonianus.** Similar to the above, but with rich, golden-yellow flowers.

25 cts. each; $2.50 per doz.

## NEW HARDY SHRUBS.

We offer a number of the best of the newer varieties this season; these will be found in their alphabetical order among the standard varieties offered on pages 244 to 255.

NEW GOLDEN ROD

## SOLIDAGO "GOLDEN WINGS."

This is the most showy and improved form of the common Golden Rod that we have yet grown; the plant is of erect, bold habit of growth, attaining a height of fully 5 feet, each shoot terminated with a large many branched panicle from 24 to 30 inches in diameter, covered with bright golden-yellow flowers from the middle of July to the middle of September. 50 cts. each; $5 00 per doz.

## THALICTRUM DIPTEROCARPUM.

A pretty and distinct species of the Meadow Rue, with large flowers of a charming shade of lilac-mauve, which is brightened by a bunch of lemon-yellow stamens and anthers. The plant is of strong growth, about 4 feet high; the flowers are produced in large, graceful panicles during August and September; a most desirable addition. $1.25 each.

## CHOICE NEW TROLLIUS OR GLOBE FLOWERS.

Great improvements on existing varieties, all of strong growth and with flowers of very large size.

**Goldquelle.** Golden-yellow.

**Gotterfunke.** Orange-yellow.

**Helios.** Pure yellow. Very free-flowering.

**Leuchtkugel.** One of the finest deep orange reds.

**Lichtball.** Extra large globular orange-yellow flowers.

**Salamander.** Soft orange-colored flowers of fine form.

35 cts. each. One each of the 6 sorts for $1.75.

New Trollius or Globe Flowers.

We can supply seeds of most of the Hardy Perennials. See Flower Seeds, pages 58 to 126.

# General List of Hardy Perennial Plants.

*For New and Rare Varieties see pages* 196 *to* 202.

**NOTE.—All orders are forwarded upon receipt, unless instructed to the contrary. Customers placing orders for Stock to be reserved and sent later must distinctly specify this at the time of ordering.**

### ACÆNA (New Zealand Burr).

Pretty evergreen rock plants of cushion-like growth, cultivated for their showy, crimson spines, which are borne on the calyx.

**Buchanani.** Glaucous green fern-like foliage. 25 cts. each; $2.50 per doz.

**Microphylla.** Pretty dark bronze foliage. 25 cts. each; $2.50 per doz.

### ACANTHUS (Bear's Breech).

Handsome decorative plants, with broad foliage and of stately effect, either for planting as single specimens on the lawn or in the border, or for grouping with other plants for sub-tropical effect; producing their 3 feet high spikes of curious flowers during August and September. The ornamentation of the Corinthian columns is said to have been suggested by the leaf of this plant.

**Caroli=Alexandri.** A novel variety, with deeply-cut, dark green leaves, peculiarly protected with long spines. 35 cts. each; $3.50 per doz.

**Mollis.** Deeply-toothed, heart-shaped leaves, 2 feet long by 1 foot wide; flowers of a purplish-rose color. 25 cts. each; $2.50 per doz.

— **Latifolius.** A variety of the above with larger, heavier foliage, more robust in every way; an interesting plant. 25 cts. each; $2.50 per doz.

### ACTÆA (Baneberry).

Desirable native plants, with showy, dense spikes of white flowers, about 2 feet high, produced in masses in June, followed with handsome clusters of berries.

**Spicata alba.** Pure white berries on red stems.

— **Rubra.** Bright scarlet berries in long, dense spikes.

25 cts. each; $2.50 per doz.

ACHILLEA "THE PEARL."

ACONITUM NAPELLUS.

### ACHILLEA (Milfoil, or Yarrow).

**Boule d'Argent.** Very free-flowering single white; grows 12 inches high; blooms June to August. 25 cts. each.

**Eupatorium** (*Fern-leaved Yarrow*). Neat, finely-cut foliage and brilliant yellow heads of flowers, lasting in full beauty all summer; 4 to 5 feet.

**Filipendula** (*Noble Yarrow*). A vigorous, showy species, with golden-yellow flowers in dense flat corymbs in July; height, 2 feet.

**Millefolium Roseum** (*Rosy Milfoil*). Finely-cut, deep green foliage, flowers pink, in dense heads; 18 inches high and flowers all summer.

— **Cerise Queen.** A variety of the above, with rich aramanth-red flowers.

**Ptarmica Fl. Pl. "The Pearl."** Flowers borne in the greatest profusion the entire summer on strong, erect stems, 2 feet high, of the purest white; as a summer cut bloom it is of great value. (See cut.)

**Tomentosa** (*Woolly Yarrow*). Handsome cut foliage and bright yellow flowers in a multitude of flat heads during June; height about 12 inches.

**Price,** except where noted, 15 cts. each; $1.50 per doz.; $10.00 per 100. One each of the 7 varieties for $1.00.

### ACONITUM (Monkshood, or Helmet Flower).

All the varieties offered from bushy clumps, and are invaluable for planting under trees or shady or semi-shady positions. Mrs. Ely says:

"Aconitum or Monkshood may be set out either in October or in early spring. The Monkshood grows about 4 feet high, and blooms in clusters of beautiful blue flowers, of which there are several varieties, from August until killed by very cold weather."

**Autumnale.** Deep purplish blue flowers.

**Napellus.** Large, dark blue flowers.

— **Albus.** A fine white-flowered form.

— **Bicolor.** Large blue-and-white flowers; one of the prettiest.

**Fischeri.** A dwarf variety, growing 18 inches high, with very large, pale blue flowers in September and October.

**Lycoctonum.** A free-flowering pale yellow sort, blooming in June and July.

**Sparks' Variety.** A tall sort, growing 5 to 6 feet high, the darkest blue of all.

**Strœkianum.** Beautiful rich deep blue in large spikes.

**Wilsoni.** A recent introduction from Northern China, of strong stately habit, growing 5 to 6 feet high, with large light violet-blue flowers in September.

25 cts. each; $2.50 per doz.; $15.00 per 100. Set of 9 varieties, $2.00.

## ADENOPHORA.

**Polymorpha.** A valuable variety, the flower stems well furnished with fine dark blue bell-shaped Campanula-like flowers; blooms in August, when nearly all other bell flowers are over; 3 feet. 25 cts. each.

**Potanini.** An easily-grown, useful, attractive plant, with light blue flowers, not unlike Canterbury bells; July to September; 18 inches. 25 cts. each.

## ADONIS (Bird's Eye).

One of the choicest of early spring-flowering plants, about 12 inches high, with finely-cut, ornamental foliage; effective in rock-work or in the border.

**Amurensis.** A Japanese species, with large, yellow flowers; blooms fully two weeks earlier than any other hardy plant. 50 cts. each; $5.00 per doz.

**Amurensis Fl. Pl.** A rare variety, with pretty fern-like foliage and large double yellow flowers; one of the earliest flowering perennials. 50 cts. each; $5.00 per doz.

**Pyrenaica.** Large orange-yellow flowers in May. 25 cts. each; $2.50 per doz.

**Vernalis** (*Ox Eye*). Bright yellow flowers in early spring. 25 cts. each; $2.50 per doz.

## ÆGOPODIUM (Bishop's Weed).

**Podagraria Variegata.** A rapid-growing plant, with neat green and yellow variegated foliage, thriving in any soil; makes a fine border for a bed of shrubs or for covering waste ground; 1 foot. 15 cts. each; $1.50 per doz.; $10.00 per 100.

## ÆTHIONEMA.

**Grandiflora.** A rare, shrub-like perennial, growing 18 inches high, and producing numerous dense spikes of rose-colored flowers from May until August. Excellent for the border or rockery. 35 cts. each; $3.50 per doz.

Agrostemma Coronaria.

## AGROSTEMMA.

(Rose Campion.)

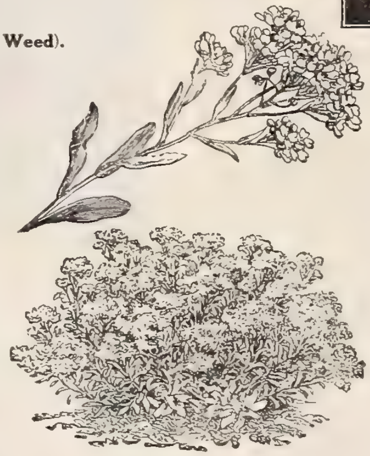
Stout, erect-growing plants, with silvery foliage, which contrast well with the showy flowers, which are produced during June and July.

**Coronaria** (*Mullein Pink*). Bright rosy-crimson; 2½ to 3 feet.

**Flos Jovis** (*Flower of Jove*). Deep pink flowers on 12-inch high stems.

**Walkeri.** Bright crimson; very free; 2½ feet.

15 cts. each; $1.50 per doz.; $10.00 per 100



Alyssum Saxatile Compactum.

## AJUGA (Bugle).

A useful plant for the rockery and for carpeting the ground, particularly in shady positions, as under trees where grass will not grow; flowers in May.

**Genevensis.** Bright blue flowers in long, dense showy spikes, almost covering the bright green foliage.

**Reptans rubra.** Large spikes of purplish-blue flowers.

**— Variegata.** Foliage prettily variegated with creamy-white; flowers blue.

15 cts. each; $1.50 per doz.; $10.00 per 100.

## ALCHEMILLA (Lady's Mantle).

**Major.** A distinct dwarf plant with pretty foliage and inconspicuous flowers, valuable for a half-shady corner. 25 cts. each; $2.50 per doz.

## ALSTROMERIA (Chilian Lily).

**Chilensis.** A tuberous-rooted plant, 2 feet high, with spikes of showy flowers, varying from rosy-white to deep orange-red, flowering from July to September. In exposed situations requires protection. 15 cts. each; $1.50 per doz.

## ALYSSUM (Mad-wort).

**Rostratum.** Bright golden-yellow flowers in June and July; 1 foot. 25 cts. each; $2.50 per doz.

**Saxatile Compactum** (*Basket of Gold, Gold Tuft, Rockmad-wort*). An indispensable plant for the rockery or border, growing 1 foot high and producing early in the summer masses of broad, flat heads of bright yellow flowers. 15 cts. each; $1.50 per doz.; $10.00 per 100.

## AMSONIA.

**Tabernæmontana.** A stout, shrub-like plant, with terminal spikes of clear blue flowers in June; 2 feet high.

**Salicifolia.** Of similar habit to the above; pale blue flowers.

15 cts. each; $1.50 per doz.

## ANCHUSA (Sea Bugloss).

**Italica, Dropmore Variety.** A grand improvement on the old Italian Alkanet; grows 5 to 6 feet high and produces its pretty gentian-blue flowers throughout the entire summer; one of the best blue perennials. 25 cts. each; $2.50 per doz.

Anchusa Italica, Dropmore Variety.

ANTHERICUM LILIASTRUM GIGANTEUM.

## ANTHEMIS (Marguerite).

These hardy Marguerites are among the most satisfactory summer-flowering perennials, succeeding in the poorest soil, growing about 15 inches high, and blooming continuously during the entire summer.

**Aizoon.** Of dwarf habit, silvery foliage and large white flowers.

**Tinctoria.** Of bushy habit, large golden-yellow flowers.

**— Alba.** Creamy white with yellow centre.

**— Kelwayii.** Similar to the type, deeper yellow flowers.

**Nobilis** (*Common Chamomile*). White flowers; July to September.

15 cts. each; $1.50 per doz.; $10.00 per 100.

## ANTHERICUM.

**Liliago** (*St. Bernard's Lily*). A pretty species, bearing spikes of white flowers 18 inches high during May and June.

**Liliastrum** (*St. Bruno's Lily*). A beautiful plant, 2 feet, with narrow grass like foliage and long spikes of white, fragrant Lily-like flowers in May and June. 10 cts. each; $1.00 per doz.; $7.00 per 100.

**— Giganteum.** A wonderful improvement on the St. Bruno's Lily, of which it is a gigantic form. It produces spikes of very large, white flowers, and forcibly reminds one of a miniature Lilium Candidum. 30 cts. each; $3.00 per doz.

ARABIS ALPINA.

## ARABIS (Rock Cress)

**Alpina.** One of the most desirable of the very early spring-flowering plants that is especially adapted for edging and for the rock garden, but does equally well in the border, where it forms a dense carpet, completely covered with pure white flowers. It is nice for cutting, and lasts for a long time in bloom. (See cut.)

**— Flore-plena.** A distinct and pretty double-flowering form.

15 cts. each; $1.50 per doz.; $10.00 per 100.

## ANEMONES (Windflowers).

**Nemorosa Robinsoniana** (*Wood Anemone*). Beautiful for planting in shady positions; large azure-blue flowers in April.

**Pennsylvanica** (*Pennsylvania Windflower*). The prettiest of our native Windflowers, growing 12 to 15 inches high and producing its large white flowers in the greatest profusion from June to August; an excellent plant either for the border or rockery, and succeeds equally well in sun or shade.

**Pulsatilla** (*Pasque Flower*). Grows from 9 to 12 inches high, and produces violet or purple flowers during April or May. An interesting plant for the rockery or well-drained border.

**Sylvestris** (*Snowdrop Windflower*). Large, cup-shaped, pure white flowers, on clean stems, held well above the neat, handsomely-cut foliage; one of the most satisfactory plants for the border, and equally at home in partial shade.

**— Eliza Fellman** (*Double Snowdrop Anemone*). A double-flowering form of the preceding, with large flowers on stems 12 inches high; May and June. 25 cts. each; $2.50 per doz.

Except where noted, 15 cts. each; $1.50 per doz.

## ANEMONE JAPONICA (Japanese Windflower).

These beautiful Windflowers are one of the most important hardy plants. While they begin blooming early in August, they are more especially valuable on account of their continuing in full beauty until cut down by hard frost. All are excellent for cutting, lasting in good condition for many days The plants grow 2 to 3 feet high, are perfectly hardy if given the protection of 2 or 3 inches of leaves or litter during the winter, and, while they respond freely to liberal feeding, they will succeed in any ordinary garden soil, increasing in beauty from year to year. They can be used in solid beds or borders or clumps planted through the hardy border, which they brighten up during the late fall months.

**Japonica Rubra.** Beautiful rosy-red; stamens bright yellow.

**Alba.** Large, snowy-white; very chaste.

**Elegantissima.** Large satiny-rose, semi-double flowers.

**Prince Henry.** Large, very double, deep rich pink flowers; free-flowering.

**Geante Blanche.** The largest single white. 25 cts. each; $2.50 per doz.

**Purpurine.** A new semi-double deep purplish-rose; very large 25 cts. each; $2.50 per doz.

**Queen Charlotte.** Very large semi-double flowers of La France-pink, a color that is rare among hardy plants.

**Rosea Superba.** Flowers of medium size, of a delicate silvery-rose.

**Whirlwind.** Large semi-double pure white flowers; very free.

**Price,** except where noted, 15 cts. each; $1.50 per doz.; $10.00 per 100.

Set of 9 varieties, one of each, $1.25.

JAPANESE ANEMONE.

NEW AND RARE HARDY PERENNIALS are offered on pages 196 to 202.

AQUILEGIA OR COLUMBINE.

## AQUILEGIAS or COLUMBINES.

The Columbines are one of the most elegant and beautiful of hardy plants, producing their graceful spurred flowers on stems rising 2 feet or more above the beautifully divided foliage, and are highly prized for cutting.

They are not at all particular as to soil or location, although they prefer a sandy loam and a moist but well drained, sunny position, and usually make themselves at home in any hardy border or rockery. Their period of flowering covers the late spring and early summer months. Taken as a whole, they are a most important part of the hardy garden, and should be grown in quantity by every lover of old-fashioned garden flowers.

**Californica Hybrida.** Long spurred flowers in a variety of colorings, such as yellow, pink, flesh, red, etc.

**Canadensis** (*Common American Columbine*). The native bright red and yellow variety, and one of the brightest.

**Caryophylloides Fl. Pl.** Double, striped and mottled.

**Chrysantha** (*Golden Columbine*). Bright yellow long-spurred flowers.

**Cœrulea** (*Rocky Mountain Columbine*). Bright blue and white long-spurred flowers.

**Flabellata nana alba.** Pure white, of dwarf growth

**Helenæ.** A new hybrid with very large blue flowers and wide, expanded pure white corolla.

**Nivea grandiflora.** A fine pure white sort.

**Skinneri.** Yellow with long red spurs.

**Truncata.** Scarlet tipped yellow; very distinct.

**Vulgaris** (*Common European Columbine*). Violet-blue; a strong, vigorous grower.

**Price,** 15 cts. each; $1.50 per doz.; $10.00 per 100.
One each of the eleven sorts for $1.50.

## ARALIA.

**Cashmeriana.** A stately ornamental plant with attractive foliage and large panicles of small white flowers in early summer; grows 5 to 8 feet high. 25 cts. each; $2.50 per doz.

## ARENARIA (Sand-wort).

**Cæspitosa.** Close-growing evergreen plant, forming a dense carpet of verdure, and especially desirable for rock work; flowers pure white; prettily studding the foliage during the spring months. 15 cts. each; $1.50 per doz.

**Montana.** A pretty creeping plant covered with large snow-white flowers in June. A gem for overhanging rocks or in the border. 25 cts. each; $2.50 per doz.

## ARMERIA (Thrift).

Attractive dwarf plants that will succeed in any soil, forming evergreen tufts of bright green foliage, from which innumerable flowers appear in dense heads, on stiff, wiry stems about 9 inches high. They flower more or less continuously from early spring until late in the fall. Very effective in the rockery and indispensable in the border.

**Maritima Splendens.** Bright rosy-pink.

**— alba.** A pretty white.

15 cts. each; $1.50 per doz.; $8.00 per 100.

## ARTEMISIA.

A most useful class of plants, either for the border or for filling in within the shrubbery. Though not remarkable for their flowers, the foliage of the sorts offered is very ornamental. All of the varieties offered stand cutting down to 5 or 6 inches when used in carpet or ribbon bedding.

**Abrotamnum** (*Old Man, or Southern-wood*). Dark green, finely cut foliage, with pleasant aromatic odor; 2 feet

**Pedemontana.** A handsome variety with finely cut silvery foliage.

**Purshiana.** A white foliaged sort, suitable for edging; 18 inches.

**Stelleriana** (*Old Woman*). Deeply-cut silvery foliage; much used in carpet bedding; 18 inches;

15 cts. each; $1.50 per doz.; $10.00 per 100.

ARMERIA MARITIMA.

Our "Introduction" collections of Hardy Perennials contain only the best sorts. See page 195.

## ASCLEPIAS (Butterfly Weed).

**Tuberosa.** One of the showiest of our native perennials, about 2 feet high; and producing during July and August close, compact umbels of brilliant orange-colored flowers. 15 cts. each; $1.50 per doz.; $8.00 per 100.

## ASPERULA (Sweet Woodruff, Waldmeister).

**Odorata.** An old-fashioned favorite, grown for its fragrant leaves and stems, which have an odor not unlike new-mown hay, and are used for putting among clothes, etc.; also used in Germany to flavor the "Maitrank," or May wine; best grown in semi-shaded positions; flowers white. 25 cts. each; $2.50 per doz.

## ASPHODELUS (Asphodel).

**Luteus.** An effective plant for the border, with sword-like foliage and 3-feet high spikes of fragrant yellow lily-like flowers in July. 20 cts. each; $2.00 per doz.

## ASTILBE.

**Davidii.** An important addition to hardy plants. Its 5 to 6 feet high stems, which rise from a tuft of pretty dark green foliage, are crowned with feathery plumes of deep rose-violet flowers during July and August. 25 cts. each; $2.50 per doz.

## ASTRANTIA (Master-wort.)

**Carniolica.** Grows about a foot high, and bears during June and July peculiarly interesting blush flowers an inch across. A most desirable plant for a moist position. 25 cts. each $2.50 per doz.

## AUBRETIA (False Wall Cress).

**Bougainvillea.** Pretty, dwarf-growing rock plant, forming broad masses of silvery-green foliage and sheets of purple flowers in spring. 15 cts. each; $1.50 per doz.; $8.00 per 100.

## DWARF HARDY ASTERS.

**Alpinus.** Indispensable for the rockery, or edge of hardy border; grows 6 to 10 inches high, and bears large, showy bluish-purple flowers in May and June.

**— Albus.** Identical to the above, but with pure white flowers.

**Acris.** A neat variety, growing a foot high, completely covered in September with violet-blue flowers.

**— Nanus.** Similar to the preceding, but only grows 6 inches high; fine for edging.

15 cts. each; $1.50 per doz. Set of 4 sorts. 50 cts.

Aster Alpinus on Rockery.

Aster Grandiflorus.

## HARDY ASTERS.

(Michaelmas Daisies, or Starworts.)

These are among the showiest of our late-flowering hardy plants, giving a wealth of bloom at a season when most other hardy flowers are past, and for best effect should be planted in masses of one color. They grow freely in any soil. The collection offered below is made up of the choicest varieties only, the weedy sorts being eliminated; unless otherwise specified, they bloom in September and October.

**Curtisii.** Pale heliotrope; August and September; 3 feet.

**Formosissima.** Bright violet; 3 feet.

**F. W. Burbidge.** Light violet; 3 feet.

**Lævis.** Lavender-blue; 4 feet.

**— floribunda.** Light heliotrope; 4 feet.

**Mme. Soyneuse.** Pale lilac; very free; 15 inches.

**Novæ anglæ.** Bright violet-purple; 4 feet.

**— — Rosea.** Bright purplish-mauve; 4 feet.

**— — Rubra.** Large rosy-purple; 4 feet.

**— — Wm. Bowman.** Amethyst-blue; 4 feet.

**Novi Belgii Semi-Plenus.** Pale parma-violet; 4 feet.

**Ptarmicoides.** Neat and distinct; pure white; useful for cutting; August and September. 18 inches.

**Puniceus Pulcherrimus.** Bluish white with yellow centre, incurved petals; 5 feet.

**Snowflake.** Very free, pure white; 18 inches.

**St. Brigid.** White tinted lilac; August and September; 3½ feet.

**Tartaricus.** Distinct; large bluish violet; 6 feet.

**Thirza.** Light lilac-rose; 4 feet.

**Top Sawyer.** Clear parma-violet color; 4 feet.

**Trinervus.** Rich violet-purple; October and November; 2½ feet.

**Triumph.** Fine lavender; 4 feet.

15 cts. each; $1.50 per doz.; $10.00 per 100. Set of 20 varieties for $2.50.

## RARE HARDY ASTER.

**Grandiflorus.** A native of the United States, introduced to cultivation in 1720, and one of the finest of all and distinct in character and flower from all others. The flowers frequently measure 2 inches in diameter, are of a lovely dark bluish-violet. It is the latest flowering variety in cultivation—October and November—and by lifting the plants can be flowered in connection with Chrysanthemums, where its effect is very beautiful. (See cut.) 25 cts. each; $2.50 per doz.

**THE YELLOW DAY LILIES should be in every hardy border. See colored plate and offer, page 222.**

## BAPTISIA (False Indigo).

**Australis.** A strong-growing plant, about 2 feet high; suitable either for the border or wild garden, with dark green, deeply-cut foliage and spikes of dark blue flowers in June and July.

**Tinctoria.** Spikes of bright yellow flowers during June and July; 2 to 3 feet.

15 cts. each; $1.50 per doz.

## BELLIS PERENNIS (English Daisy).

Improved double-flowering, white and pink. 75 cts. per doz.; $5 00 per 100.

## BOCCONIA (Plume Poppy, or Tree Celandine).

**Cordata.** A noble hardy perennial, beautiful in foliage and flower, admirably adapted for planting in the shrubbery borders, centre of beds, and in bold groups in almost any position. It will grow in any soil or situation, attaining from 6 to 8 feet in height; flowers in terminal panicles, of a creamy-white color, during July and August. (See cut.) 15 cts. each; $1.50 per doz.; $10.00 per 100.

## BOLTONIA (False Chamomile).

Among the showiest of our native hardy perennial plants, with large, single Aster-like flowers. The plant is in bloom during the summer and autumn months, and with its thousands of flowers open at one time produces a very showy effect. (See cut.)

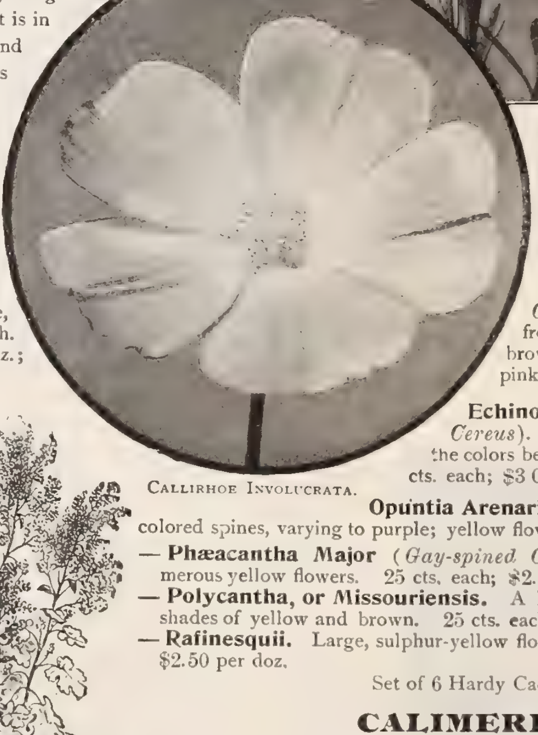
**Asteroides.** Pure white; very effective; 5 to 7 feet.

**Latisquama.** Pink, slightly tinged with lavender; 4 to 6 feet.

**— Nana.** Similar to the type, but growing only 2 feet high.

15 cts. each; $1.50 per doz.; $10.00 per 100.

Boltonia.



Callirhoe Involucrata.

## HARDY CACTUS.

All perfectly hardy if planted in a well-drained position, either in the border or on the rockery.

**Echinocactus Simpsoni** (*Hedgehog Cactus*). Various colored spines, ranging from white through shades of straw, yellow, brown, purple and black; flowers bright shell-pink. 30 cts. each; $3.00 per doz.

**Echinocereus Viridiflorus** (*Green-flowered Cereus*). Beautiful red, white and purple spines, the colors being often arranged in circular bands. 30 cts. each; $3 00 per doz.

**Opuntia Arenaria.** A rare species, with very long straw-colored spines, varying to purple; yellow flowers. 25 cts. each; $2.50 per doz

**— Phæacantha Major** (*Gay-spined Cactus*). Yellow or brown spines, numerous yellow flowers. 25 cts. each; $2.50 per doz.

**— Polycantha, or Missouriensis.** A handsome species, with spines in pretty shades of yellow and brown. 25 cts. each; $2.50 per doz.

**— Rafinesquii.** Large, sulphur-yellow flowers, produced very freely. 25 cts. each; $2.50 per doz.

Set of 6 Hardy Cactus for $1.25.

## CALIMERIS (Star Wort).

**Incisa.** An attractive plant for the border; grows 12 to 18 inches high, producing from July to September daisy-like, pale, lavender flowers, with yellow centre. 15 cts. each; $1.50 per doz.

## CALLIRHOE (Poppy Mallow).

**Involucrata.** An elegant trailing plant, with finely-divided foliage and large saucer-shaped flowers of bright rosy-crimson, with white centres, which are produced all summer and fall.

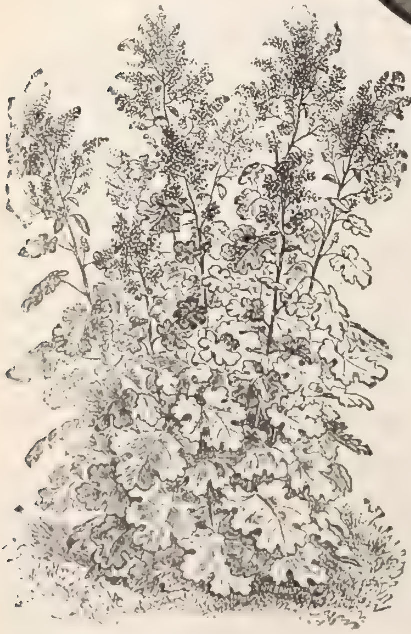
**Leariiloba.** Delicate light rose-colored flowers all summer.

15 cts. each; $1.50 per doz.

## CALTHA (Marsh Marigold).

**Palustris.** Bright yellow flowers early in spring; 1 foot. 15 cts. each; $1.50 per doz.

**Palustris Fl. Pl.** Double-flowering. 25 cts. each; $2.50 per doz.



Bocconia Cordata.

For the beginner we recommend our "Introduction" collection of Hardy Plants offered on page 195.

Campanula Medium.

# CAMPANULAS, or BELLFLOWERS.

Indispensable hardy garden flowers, of much variety of form, some being of tall and imposing habit, while others are dwarf, compact little plants suitable for edging, rockwork, etc. They like a good rich soil, and last much longer in bloom if planted in a half-shady place. All of the taller-growing kinds should be staked to prevent injury from high winds.

Mrs. Ely, the author of "A Woman's Hardy Garden,' has written the following about Campanulas expressly for this book:

"The most satisfactory of the Campanula family is the single biennial variety known as *Campanula Medium*, or Canterbury Bells. In the spring a little fine manure and some bone meal should be dug about each plant, and the stalks of bloom, which, if well cared for, will be nearly three feet in height, should be staked. If the flowers are cut immediately upon fading, the period of blooming can be prolonged to about six weeks." The Canterbury Bells are most effective when planted along the borders in front of early varieties of Phlox which blossom at the same time. The best perennial varieties of Campanula are C. Alliariæfolia, which are white; and C. Glomerata, C. Carpatica, C. Persicifolia and C. Pyramidalis; these last four blue and white.

Campanula Pyramidalis will send up stalks of bloom by the middle of August from four to six feet in height, and continue to bloom for six weeks. Being a strong grower, this plant requires rich soil, and if liquid manure be applied around the roots from the time the buds begin to form, the number and size of the flowers will be greatly increased. A few of these plants grown in large pots make a beautiful decoration for terrace or piazza, well rewarding the time and trouble in raising them."

**Alliariæfolia.** Nodding white flowers in June and July; 2 feet.

**Carpatica** (*Carpathian Hare-bell*). A pretty species, growing in compact tufts, not exceeding 8 inches high; flowers clear blue, held erect on wiry stems. It begins blooming in June, continuing without interruption until October. As an edging for a hardy border or for the rockery it is unsurpassed.

**— alba.** The white-flowered form of the preceding.

**Glomerata** (*Clustered Bellflower*). Dense clusters of funnel-shaped violet-blue flowers; June to August; 18 inches.

**Grosseki.** Produces its dark-blue flowers all summer; 2 feet.

**Grandis** (*Great Bellflower*). Large saucer-shaped violet-blue flowers in May and June; 1½ feet.

**— alba.** A white variety of the above.

**Lactiflora.** Large spikes of flowers, white-tinted blue; June to August; 3 feet.

**Latifolia Macrantha.** Grows 3 feet high, and in May and June bears large purplish-blue flowers.

**Medium Calycanthema** (*Cup and Saucer Canterbury Bells*). A beautiful form of this favorite flower. Blue, rose and white.

**Medium** (*Canterbury Bells*). Our stock has been grown from the very finest strain; blue, rose and white; 3 feet.

**Noblis.** Large, drooping reddish-violet flowers; 18 inches.

**Persicifolia** (*Peach Bells*). Blue salver-shaped flowers during June and July; 2 feet.

**— alba.** A pure white form of the above.

**— Gigantea Moerheimi.** A grand sort with large spikes of pure white double camellia-like flowers, 2 to 2½ inches in diameter; in bloom from the middle of May until late in July. 25 cts. each; $2.50 per doz.; $15.00 per 100.

**— Humosa.** A fine companion to the double white offered above. Its flowers are still larger, quite double and a pleasing shade of blue. 25 cts. each; $2.50 per doz

**Punctata.** A distinct sort, with white, spotted, purplish-rose, nodding, bell-shaped flowers in May and June; 1 foot.

**Pyramidalis** (*Chimney Bell-flower*). The most conspicuous of all Campanulas, forming a perfect pyramid 4 to 6 feet high, crowded with large salver-like blue flowers. 25 cts. each; $2.50 per doz.

**Rapunculoides.** Graceful spikes, 3 feet high, which bear in June and July showy blue bell-shaped flowers.

**Rotundifolia** (*Blue-Bells of Scotland*). This is the true Hare-bell, with beautiful clear blue flowers from June to August; 1 foot.

**Trachelium** (*Coventry Bells*). Purple flowers; June and July; 3 feet.

**Price,** any of the above, except where noted, 15 cts. each; $1.50 per doz.; $10.00 per 100. Set of 21 varieties, $2.50.

Campanula Carpatica.

**New and Rare Varieties of Hardy Perennials are offered on pages 196 to 202.**

Caryopteris Mastacanthus.

## CAREX (Sedge).

**Fraseri.** A good plant for a moist, shady situation, with stout 1 inch wide foliage, and producing during May and June spikes 15 inches high, terminated with a long, cylindrical head of white flowers. 25 cts. each; $2.50 per doz.

## CARYOPTERIS.

**Mastacanthus** (*Blue Spiræa*). A handsome hardy perennial; grows about 3 feet high and produces rich lavender-blue flowers in great profusion the whole length of its branches. A valuable plant either for bedding or pot culture, blooming continuously from early in September until cut by frost. (See cut.) 15 cts. each; $1.50 per doz.; $10.00 per 100.

## CASSIA (American Senna).

**Marilandica.** A plant growing from 3 to 4 feet high, bushy, with large panicles of bright yellow, curiously-shaped flowers in abundant axiliary clusters from July to August. The beautiful pinnate light-green foliage is very pleasing. A very desirable plant. 15 cts. each; $1.50 per doz.; $10.00 per 100.

## CATANANCHE (Cupid's Dart).

A free-flowering border plant, growing about 2 feet high; June to August.

**Cœrulea.** Blue flowers.

**Bicolor.** White margin with blue centre.

15 cts. each; $1.50 per doz.; $10.00 per 100.

## CEDRONELLA (Balm of Gilead).

**Cana.** A shrubby perennial, growing 2½ feet high, with aromatic foliage and long spikes of purplish-crimson flowers throughout the summer and fall. 25 cts. each; $2.50 per doz.

## CENTAUREA (Hardheads, or Knapweed).

Of easy culture, delighting in an open, sunny position, producing a wealth of bloom, which not only makes a fine display in the border, but furnishes excellent material for cutting.

**Hirta nigra variegata** (*Variegated Button Weed*). Prettily variegated green and gold foliage, and during July and August purple flowers; 2 feet.

**Dealbata.** Distinct bright rose-colored flowers; July to September; 18 inches.

**Macrocephala.** Very large thistle-like golden-yellow flowers, useful for cutting and showy in the border; July and August; 3½ feet.

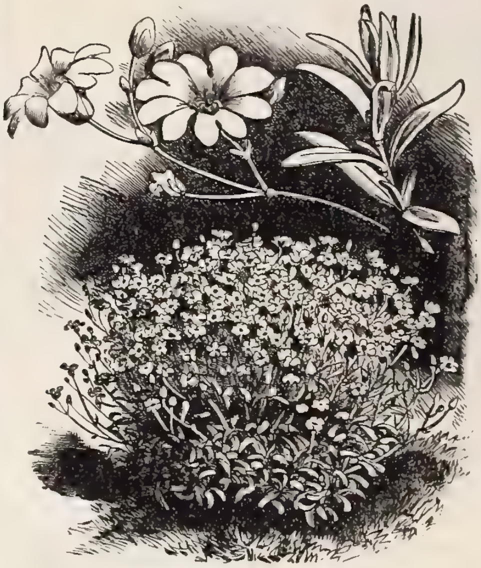
**Montana** (*Perennial Corn Flower*). Grows 2 feet high, bearing large violet-blue flowers from July to September. (See cut.)

**— alba.** Large white variety of the above.

**Orientalis.** Pale yellow showy flowers in July and August; 2½ feet.

**Ruthenica.** Straw-colored flowers in July and August; ornamental, fern-like foliage; 2½ feet.

15 cts. each; $1.50 per doz. Set of 7 sorts for $1.00.



Cerastium Tomentosum.

## CEPHALARIA.

(Roundheads.)

**Alpina.** A rare tall-growing plant, which, when fully established, attains a height of 6 feet, bearing in July and August delicate sulphur-yellow flowers, not unlike the flowers of Scabiosa. 25 cts. each; $2.50 per doz.

## CERASTIUM.

(Snow in Summer.)

**Tomentosum.** A desirable low-growing plant with silvery foliage and white flowers, suitable for the rockery, or for carpeting dry, sunny spots, such as covering graves or steep banks; can also be used with good effect in carpet bedding. 15 cts. each; $1.50 per doz.; $8.00 per 100.

Centaurea Montana.

PAEONIES and PHLOXES should be included in every collection of Hardy Plants. Always satisfactory. See pages 229 to 233.

## CHAMÆLIRIUM.

**Luteum.** A useful plant for moist, shady positions, producing in June dense, cylindrical heads of small creamy-yellow blossoms. 25 cts. each; $2.50 per doz.

## CHAMÆPEUCE (Fish Bone Thistle).

Interesting and ornamental thistle-like plants with spiny, neatly marked foliage. Require protection in winter.

**Casabonæ.** Foliage dark green, with cream-colored veins and yellowish spines.

**Diacantha.** Bright green foliage, ivory-white veins and spines.

25 cts. each; $2.50 per doz.

## CHELONE (Shell Flower).

Stately and handsome perennials, growing about 2 feet high and bearing numerous spikes of large flower-heads during the summer and fall.

**Glabra Alba.** Terminal spikes of creamy-white flowers.

**Lyonii.** Heads of deep red flowers.

**Obliqua Alba.** Clusters of pure white flowers.

25 cts. each; $2.50 per doz.; $15.00 per 100.

## HARDY CHRYSANTHEMUMS.

**Burbank's Shasta Daisy "Alaska."** A decided improvement on the original, very free-flowering, with blooms 4½ to 5 inches across, of pure glistening white. 25 cts. each; $2.50 per doz.

**Burbank's Shasta Daisy.** Large snowy-white flowers, in bloom continuously throughout the summer and fall. 15 cts. each; $1.50 per doz.; $10.00 per 100.

**Nipponicum.** A Japanese species; grows 2 feet high, with thick foliage and bearing its large, glistening white flowers during September and October. 15 cts. each; $1.50 per doz.

## Hardy Pompon Chrysanthemums.

These are now universally popular for outdoor bedding, and, considering their many good qualities, there is no cause for surprise to see them cultivated so extensively. They produce a lavish profusion of blooms, giving color, life and beauty to the garden just at a time when other plants have been destroyed by frost and are looking their worst. Frost does not materially affect the flowering, and it will frequently happen that an armful of flowers can be cut late in November. They are quite hardy, if planted in a well drained position, and, with but a slight covering of leaves or litter during the winter, will take care of themselves after once planted.

A Group of Pompon Chrysanthemums

**Agalia.** Light orange, shaded pink.
**Allentown.** Golden-bronze.
**Baby.** A miniature lemon-yellow.
**Baby Margaret.** A miniature white.
**Bohemia.** Fine pure yellow.
**Boston.** Golden-bronze.
**Canary.** Pale yellow.
**Cerise Queen.** Cerise pink.
**Dawn.** Daybreak-pink.
**Dundee.** Maroon, shaded scarlet.
**Eagle d'Or.** Golden-yellow.
**Ermine.** Bright orange-scarlet.
**Fashion.** Maize-yellow.
**Flora.** Deep golden-yellow.
**Flossie.** Silvery-pink.
**Fred. Peele.** Crimson, tipped gold.
**Gertrude.** Pure white.
**Globe d'Or.** Lemon-yellow, shaded darker.
**Golden Fleece.** Clear yellow.
**Golden Pheasant.** Rich golden-yellow.
**Gold Finch.** Golden-yellow, striped red.
**Gold Nugget.** Golden-yellow, inner petals tinged red.
**Hijos.** Beautiful primrose.
**Julia Lagravere.** Rich garnet.
**King Henry.** Straw-white.
**King Philip.** Rich rose-pink.
**L'Ami Couderchet.** Sulphur-white.
**La Purite.** Creamy-white.
**Little Pet.** Violet-crimson.
**Lula.** Pure white.
**Model of Perfection.** Beautiful white.
**Mrs. Porter.** Bright bronze.
**Mrs. Vincent.** Dark crimson.
**Overbrook.** Chrome-yellow.
**Pettilant.** Creamy-sulphur.
**President.** Rich purplish-crimson.
**Princess of Wales.** A fine white.
**Queen of Bulgaria.** Rich rose-crimson.
**Rosinante.** Blush rose.
**Rufus.** Crimson-maroon.
**Sir Michael.** Lemon-yellow.
**Soeur Melanie.** Pure white.
**St. Almo.** Splendid white.
**St. Illoria.** Silver-rose, quilled petals.
**Strathmeath.** Rosy-pink.
**Sunshine.** Bright golden-yellow.
**Thalia.** White, yellow centre.
**Tennyson.** Pure yellow.
**The Hub.** Fine white.
**Tiber.** Crimson-brown, tipped yellow.
**Trojan.** Maroon, with yellow centre.
**Victor.** Rosy crimson.
**Veuve Clicquot.** Brick-red, edged yellow.

**Price,** 10 cts. each; $1.00 per doz.; $6.00 per 100. Set of 53 varieties for $4.00.

## CHRYSOCOMA (Goldilocks).

**Linosyris.** Produces from July to September yellow Daisy-like flowers, with narrow thread-like petals; 2 feet. 15 cts. each; $1.50 per doz.

## CIMICIFUGA (Snake Root).

**Simplex.** Most valuable by reason of its extreme late flowering, beginning in September and attaining full perfection about the middle of October, a time when flowers are scarce. Its flowering stems are from 2½ to 3 feet high, terminated with a dense spike of white flowers, which, when cut, last in perfection a long time. (See cut.) 50 cts. each; $5.00 per doz.

**Acerinum, or Japonicum.** A pretty Japanese variety, with white flowers; August and September; excellent for cutting; 2½ feet.

**Dahurica.** Large cylindrical spikes of creamy-white flowers in September; 3½ feet.

**Racemosa.** A handsome native species, bearing in July and August spikes of pure white flowers; well suited for planting at the back of the border or for naturalizing at the edge of woods; 4 to 6 feet.

25 cts. each; $2.50 per doz., except where noted. Set of 4 varieties, $1.00.

CIMICIFUGA SIMPLEX.

## CLAYTONIA.

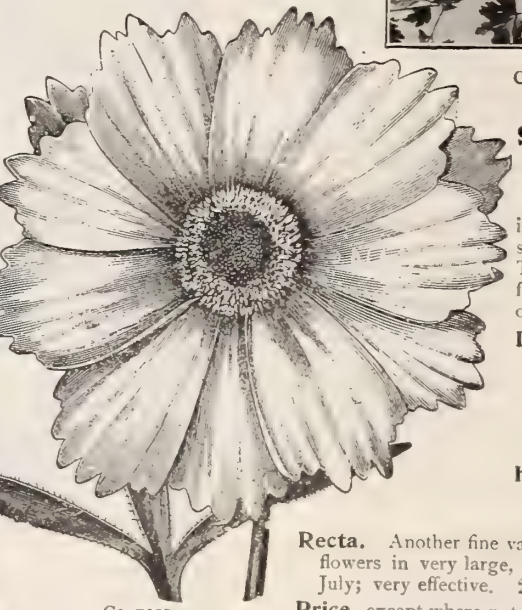
(Spring Beauty.)

**Virginica.** A low-growing, early spring-flowering plant, producing clusters of light pink flowers. Succeeds best in a half-shady spot on the rockery. 15 cts. each; $1.50 per doz.

## CORONILLA.

(Crown Vetch.)

**Varia.** A rampant creeper, with handsome globular heads of showy bright, pink and white sweet pea-shaped flowers; a useful plant for covering rough banks or for the rockery. 15 cts. each; $1.50 per doz.; $10.00 per 100.



COREOPSIS LANCEOLATA GRANDIFLORA.

## SHRUBBY CLEMATIS.

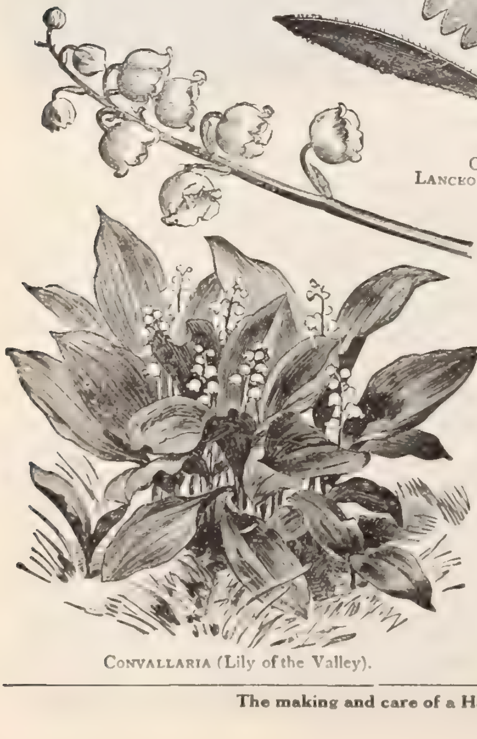
This type of Clematis is deserving of the greatest popularity, and should be in every collection. They form erect bushes 2 to 3 feet high; during their long period of bloom are very attractive.

**Davidiana.** A most desirable variety, with fresh, bright green foliage and tubular bell-shaped flowers of deep lavender blue during August and September; deliciously fragrant.

**Heracleæfolia.** Of same general habit as above, but with lighter-colored flowers.

**Recta.** Another fine variety, with handsome pure white flowers in very large, showy clusters during June and July; very effective. 25 cts. each; $2.50 per doz.

**Price,** except where noted, 15 cts. each; $1.50 per doz.; $10.00 per 100. Set of 3 for 50 cts.



CONVALLARIA (Lily of the Valley).

## CONVALLARIA.

(Lily of the Valley.)

**Majalis.** This is often starved and neglected and relegated to some poor, out-of-the-way corner; but this popular and fragrant subject, like most other plants, repays for being well treated; and if the bed is given a liberal top-dressing of well-decayed manure, along in February or March, it will show the effect by increased size, number and vigor of the flowers. The stock we offer is strong clumps, especially suited for outdoor planting, which should be done before the end of April. 25 cts. each; $2.50 per doz.; $20.00 per 100.

## COREOPSIS.

**Lanceolata grandiflora.** One of the most popular hardy plants. The flowers are a rich golden-yellow, of graceful form and invaluable for cutting; the main crop comes during the latter part of June, but it continues in bloom the entire summer and autumn; it succeeds everywhere.

**Rosea.** Finely-divided, dark green foliage, bearing in August and September numerous small pink flowers; useful in border or rockery; 1 foot.

**Verticillata.** Masses of small golden-yellow flowers in July and August, on neat plants with finely-divided foliage; 2 feet.

15 cts. each; $1.50 per doz.; $10.00 per 100.

## DELPHINIUM (Hardy Larkspur).

These are deservedly one of the most popular subjects in the hardy border, bold, attractive and highly prepossessing plants of easiest culture; perfectly hardy They will establish themselves in almost any garden soil, but respond quickly to liberal treatment.

Mrs. Ely, author of "A Woman's Hardy Garden," writes for us in regard to them as follows:

"Perennial Larkspur may be planted early in October or as soon as the spring has opened.

"The ground should be well drained and carefully prepared, but manure must not be allowed to come in contact with the roots, or grubs are apt to destroy the plants. A little finely ground bone meal dug around each plant early in May will be of benefit, and in late autumn coal-ashes should be sifted over the crowns of the plants to protect them from the white grub, which is their only enemy.

"Larkspurs have been so developed that there are now many shades of blue in both tall and low-growing varieties.

"The stalks being very tender the plants should be staked when they are about three feet high, to protect them from heavy wind, which otherwise would be likely to quite destroy them.

"Larkspur begins to bloom about June 20th, and by cutting off the plants close to the ground, as soon as each crop of flowers has faded, a second and third crop of flowers will succeed.

"Each time the plants are cut a little bone meal should be dug about them"

Mr. W. C. Egan, the well-known amateur and a great admirer of Delphiniums, writes us as under:—

"There is no hardy perennial more easily raised and grown than the Delphinium. It revels in full sunshine and a deeply worked rich soil, with plenty of water during dry spells. If given these, it will fill your heart with joy and gladness in the richness and profuseness of bloom.

"From the marvellous Delphinium Belladonna—the loveliest of blues—a large bed of which caused a lady to remark: 'It looks as if a bit of the sky had dropped down and settled there,' through the fine cut foliaged Chinese group, to the tall and stately Gold Medal Hybrids, all are good.

"After their boom is over, cut them quite close to the ground, and new foliage and some blooms will result. In large groups this procedure causes quite a 'hole.' This defect may be remedied by planting in front any bushy plant growing about three feet tall, such as Rudbeckia triloba, Aconitum autumnalis or Calimeris incisa."

**Amos Perry.** Semi-double flowers of rich rosy-mauve flushed with sky-blue, conspicuous black eye. 35 cts. each; $3.50 per doz.

**Amyas Leigh.** Rich sky-blue, inner petals rosy-plum, white centre, in large loosely arranged irregular spikes. 35 cts. each; $3.50 per doz.

**Belladonna.** The freest and most continuous blooming of all, never being out of flower from the end of June until cut down by hard frost. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower. 25 cts. each; $2.50 per doz.; $18.00 per 100.

Delphinium Belladonna.
(Everblooming Hardy Larkspur.)

**Chinense.** A very pretty variety, with fine feathery foliage and intense gentian-blue flowers in open panicles. 15 cts. each; $1.50 per doz.; $10.00 per 100.

**— Album.** A pure white form of the above. 15 cts. each; $1.50 per doz; $10.00 per 100.

**Duke of Connaught.** Rich Oxford-blue, with bold, white eye; fine large flowers. 35 cts. each; $3.50 per doz.

**Formosum.** The old favorite dark blue with white centre; 3 to 4 feet high. Very vigorous, free-flowering, and one of the best. 15 cts. each; $1.50 per doz.; $8.00 per 100.

**Gold Medal Hybrids.** Unquestionably the finest strain of mixed hydrids ever offered. The original stock came from England, and consisted of the best-named varieties. The plants are of strong, vigorous habit, with large flowers in spikes two feet and over long, the majority running in the lighter shades of blue. 15 cts. each; $1.50 per doz; $10.00 per 100

**Julia.** Gigantic flowers of a pretty cornflower blue, beautifully veined with rose, large pure white eye, arranged on most symmetrical spike. 35 cts. each; $3.50 per doz.

**King of Delphiniums.** One of the finest yet introduced; the plant is of remarkably strong, vigorous growth, with flowers of gigantic size, semi-double, and of a deep blue color, with large white eye. 35 cts. each; $3.50 per doz.

**Lamartin.** Similar in habit of growth to Belladonna, but with rich gentian-blue flowers with white centre; very distinct and handsome. 40 cts. each; $4.00 per doz.

**Lizzie.** Lovely azure-blue flowers, 2 inches across, with bold, creamy-yellow eye; flowers beautifully arranged on the spike, which is very massive. 40 cts. each; $4.00 per doz.

**Mrs. Creighton.** Semi-double flowers, the outer petals sky blue, centre rich plum, with black eye, 35 cts. each; $3.50 per doz.

**Musea.** Large, circular flowers of an odd shade of rosy mauve, edged with Cambridge-blue, with a dark eye. 35 cts each; $3.50 per doz.

**Mme. Emma Zaiser.** Splendid spikes with flowers nearly 2 inches across, rich Cambridge-blue, flushed rose, jet black eye. 35 cts. each; $3.50 per doz.

**Mme. Violet Geslin,** Perfectly round semi-double flowers of clear blue, lavender centre, bold white eye, evenly arranged in spikes 5 to 6 feet high; a gem. 40 cts. each; $4.00 per doz.

**Portia.** Lovely cornflower-blue, with just the faintest flush of rose, black centre. 35 cts. each; $3.50 per doz.

**Queen Wilhelmina.** One of the finest of the newer hybrids, immense flowers of a soft lavender-blue flushed rose, with a very conspicuous white eye. 40 cts. each; $4.00 per doz.

**Rembrandt.** Large loose spikes of bright sky-blue, inner petals rosy-lavender, the whole flower covered with a glistening silver sheen. 40 cts. each; $4.00 per doz.

**Sulphureum** (*Zalil*). An attractive and entirely distinct species, forming pyramidal bushes about 4 feet high of stiff, wiry stems, covered during June and July with pure sulphur-yellow flowers. 25 cts. each; $2.50 per doz.

**White Seedlings.** These have been very carefully selected, and will be found a desirable addition to the collection. 40 cts. each; $4.00 per doz.

**Collection** of one each of the above 21 grand sorts for $6.00, or three each of the 21 sorts for $15.00.

**We offer some splendid new Hybrid Delphiniums on page 198.**

DIANTHUS LATIFOLIUS ATROCOCCINEUS FL. PL.

## DICTAMNUS (Gas Plant).

A very showy border perennial, forming a bush about 2½ feet in height, having fragrant foliage and spikes of curious flowers during June and July, giving off during hot weather a fragrant volatile oil, which ignites when a match is applied to it. They require a heavy, strong soil and an open, sunny position. It is not advisable to transplant often, as they improve with age, it being one of the most permanent features of the hardy herbaceous border. Instances are known where this plant has outlived father, son and grandson in the same spot.

**Fraxinella.** Showy rosy-pink flowers, with deeper veins. 15 cts. each; $1.50 per doz.

**— Alba.** Pure white. 15 cts. each; $1.50 per doz.

**— Caucasicus.** A gigantic form, with flowers double the size of the type. 25 cts. each; $2.50 per doz.

## DODECATHEON (Shooting Star, or American Cowslip).

**Meadia.** An interesting plant with soft-rose Cyclamen-like flowers in trusses of ten or more stems 10 inches high. They delight in a cool, shady position. 15 cts. each; $1.50 per doz.

## DRABA (Whitlow Grass).

**Androsacea.** A pretty dwarf-growing rock-plant, producing white flowers early in spring. 15 cts. each; $1.50 per doz.

## DIANTHUS.

**Deltoides** (*Maiden Pink*). A charming creeping variety, with medium-sized pink flowers; especially suited for the rock garden.

**— Alba.** A pretty white-flowered form.

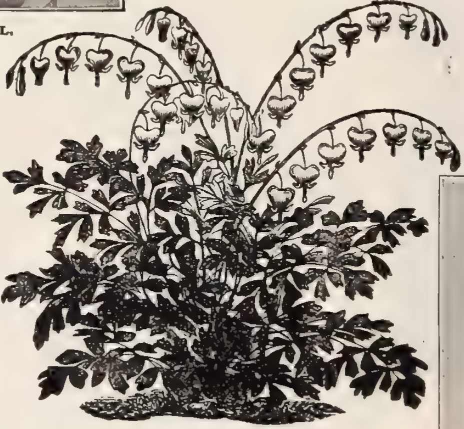
**Fettes Mount.** A charming variety of the Hardy Mule Pink, which during the month of June is completely covered with very attractive, soft, rosy-pink flowers, borne on stems a foot high.

**Latifolius atrococcineus Fl. Pl.** (*Everblooming Hybrid Sweet William*). A beautiful summer bedding variety, producing masses of brilliant fiery crimson flowers throughout the entire season.

**Neglectus** (*Glacier Pink*). Masses of pink flowers in May and June; 9 inches.

15 cts. each; $1.50 per doz.; $10.00 per 100.

**Plumarius Semperflorens.** (See Hardy Garden Pinks, page 233.)



DIELYTRA SPECTABILIS (Bleeding Heart).

## DREER'S SELECT LARGE-FLOWERING SWEET WILLIAMS (Dianthus Barbatus).

Sweet Williams were usually one of the features in the gardens of our grandmothers, and continue just as popular to-day, and with the improvements of recent years in size and coloring they are worthy of all the favor bestowed upon them, and should be in every garden. The colorings and variations are endless, including crimson, scarlet, rose, pink, maroon and white in self-colors, and many variously edged, eyed and variegated both in the single and double-flowering forms. We offer the choicest single and double sorts in mixture. 10 cts. each; $1.00 per doz.; $8.00 per 100.

## DIELYTRA, OR DICENTRA.

**Spectabilis** (*Bleeding Heart, or Seal Flower*). An old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers are always attractive; it is used largely for forcing, and is perfectly at home in any part of the hardy border, and especially valuable for planting in the shade.

**Formosa** (*Plumy Bleeding Heart*). A dwarfer-growing species, with finely-cut ornamental foliage, growing about 15 inches high and producing its showy pink flowers from April to August.

15 cts. each; $1.50 per doz.; $10.00 per 100.

DICTAMNUS.

## DIGITALIS (Foxglove).

The Foxgloves, old-fashioned, dignified and stately, are wholesome company in any garden. The strong flowerstalks—frequently 4 to 6 feet high—rising from rich and luxuriant masses of leaves, always give an appearance of strength to the hardy border, and during their period of flowering dominate the whole garden.

**Gloxiniæflora** (*Gloxinia-flowered*). A beautiful strain of finely-spotted varieties. We offer them in *White, Purple, Lilac, Rose or Mixed.*

**Ambigua, or Grandiflora.** Showy flowers of pale yellow, veined brown.

**Lanata.** A distinct species, producing dense spikes, 2 to 3 feet high, of odd-looking flowers, the corolla being gray, the lip creamy-white.

15 cts. each; $1.50 per doz.; $10.00 per 100. One each of the 6 colors, 75 cts.

Digitalis (Foxglove).

## DORONICUM (Leopard's Bane).

One of the most effective very early spring-flowering perennials, growing about 2 feet high. If placed in pots in the fall, they can readily be forced into flower during the winter months in the conservatory or window garden. There are many who have only seen this as a single plant, here or there in a hardy border, and have no idea of the effect it has when planted in a mass. It is also a splendid flower for cutting, as it carries well and stands a long time in water, opening out morning after morning, to the surprise and delight of the possessor. They succeed everywhere, and are worthy of a place in any garden.

**Clusii.** Rich yellow; 2½ to 3 inches across.

**Columuæ.** Very large, bright yellow.

**Excelsum.** Large orange-yellow; 3½ inches across.

25 cts. each; $2.50 per doz.; $15.00 per 100. Set of 3 varieties for 65 cts.

## EOMECON.

(Eastern Poppy.)

**Chionantha.** An interesting plant, growing about 2 feet high, with pure white poppy-like flowers, 2 inches across, flowering in spring. 25 cts. each.

Echinops Ritro.

Doronicum.

## ECHINOPS (Globe Thistle).

Interesting and showy thistle-like plants with globular heads of flowers, which can be dried and remain attractive for a long time.

**Banaticus.** Metallic-blue flowers; 2 to 3 feet.

**Ritro.** Flowers deep metallic-blue; 3 feet.

**Ruthenicus.** Flower heads glaucous-blue; 4 feet.

**Sphærocephalus.** White flower heads; 5 to 7 feet.

20 cts. each; $2.00 per doz. One each of the 4 sorts for 75 cts.

## EPIMEDIUM.

(Barren-wort, Bishop's Hat.)

Dwarf-growing plants, with leathery foliage and panicles of interesting flowers; the foliage of all the varieties offered below assumes the most beautiful tints of color in autumn.

**Alpinum.** Crimson and yellow.
**Lilacea.** Beautiful lilac.
**Muschianum.** Rosy red.
**Niveum.** Dwarf, early, pure white.
**Sulphureum.** Fine yellow.
**Violacea.** Rich violet.

25 cts. each; $2.50 per doz.; $15.00 per 100. Set of 6 sorts for $1.25.

## EPILOBIUM (Willow Herb).

Strong-growing perennials, 4 to 5 feet high, especially adapted for low, wet ground, flowering during a greater part of the summer.

**Hirsutum.** Purplish rose.
**— album.** Pure white.

15 cts. each; $1.50 per doz.; $10.00 per 100.

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**HEMEROCALLIS AND HOLLYHOCKS are two of the good old-fashioned hardy plants. See plates opposite pages 222 and 223.**

## ERYNGIUM (Sea Holly).

Handsome ornamental plants, growing from 2 to 3 feet high. Effective in flower and shrubbery border, woodlands, wild gardens, etc.; the flower heads, which are produced from July to September, are useful to cut for vases or to dry for winter bouquets.

**Amethystinum.** The finely cut, spiny foliage and the beautiful thistle-like heads are of glistening amethystine-blue. A most ornamental plant. 25 cts. each.

**Maritimum.** Deeply cut pale blue foliage and flowers. 25 cts. each.

**Planum.** Medium-sized light steel-blue flowers. 15 cts. each.

One each of the 3 sorts for 60 cts.

## EUPATORIUM.

**Ageratoides** (*Thorough-wort*). A useful border plant of strong, free growth, 3 to 4 feet high, with minute white flowers in dense heads; splendid for cutting; August and September.

**Cœlestinum.** A pretty, hardy plant with light blue flowers similar to the *Ageratum;* in flower from August until frost; 18 to 24 inches.

**Purpureum** (*Joe Pye Weed*). The native purple species; August and September.

**Serotinum.** A useful plant for the rear of the border, growing from 4 to 5 feet high, with large heads of creamy-white flowers during September and October.

15 cts. each; $1.50 per doz., $10.00 per 100.

Set of 4 varieties, 50 cts

## ERODIUM.

(Heron's Bill.)

**Manescavi.** A pretty trailer, bearing from June to October attractive umbels of purplish-red flowers; fine for the rockery or border. 25 cts. each.

Feverfew.

Eryngium Amethystinum.

## FERULA.

(Giant Fennel.)

**Communis.** A noble herbaceous plant, growing 8 to 10 feet high, with fine feathery foliage. Valuable for its tropical effect when planted as an individual specimen. 25 cts. each; $2.50 per doz.

## FEVERFEW.

(Matricaria.)

**Little Gem.** Large double white flowers; June until October; 12 to 15 inches high. 15 cts. each; $1.50 per doz.; $10.00 per 100.

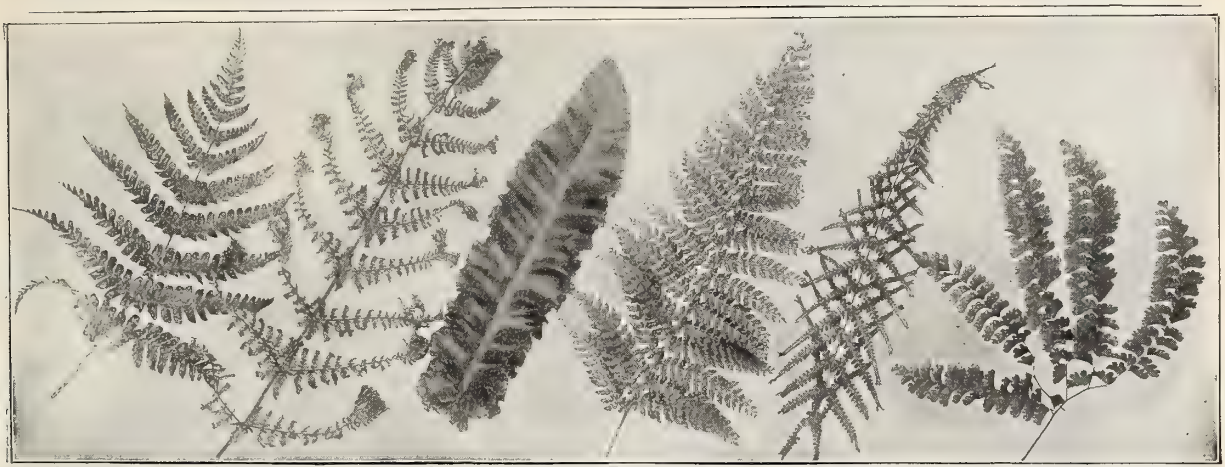
Eupatoriuma geratoides and Cœlestinum.

## EUPHORBIA (Milk Wort).

**Corollata** (*Flowering Spurge*). A most showy and useful native plant, growing about 18 inches high, and bearing from June to August umbels of pure white flowers, with a small green eye; desirable for cutting. (See cut.) 10 cts. each; $1.00 per doz.; $8.00 per 100.

**Polychroma.** Very beautiful and effective in spring, when it bears masses of chrome-yellow flower-like bracts; 2 feet. 25 cts. each; 2.50 per doz.

Euphorbia Corollata.



LASTREA CHRYSOLOBA. ASPLENIUM FILIX-FŒMINA MULTIFIDA. SCOLOPENDRIUM UNDULATUM. POLYSTICHUM PROLIFERA ANGULARE. ASPLENIUM FILIX-FŒMINA. VICTORIA. ADIANTUM PEDATUM.

TYPES OF CHOICE HARDY FERNS.

## CHOICE HARDY FERNS.

Suitable positions for Hardy Ferns are to be found in almost every garden. With few exceptions they do best in a shady or semi-shady position in rich but well-drained soil, where they can be liberally supplied with water during dry weather. Where the soil is stiff or clayey, incorporate a liberal quantity of leaf-mould, peat or other loose material to make it friable.

*Varieties marked * require a shady position. Those marked † succeed in the sun or half-shade. We give after each variety the average height of growth in inches.*

* **Adiantum Pedatum** (*Hardy Maidenhair*). 8 to 12.
* **Aspidium Acrostichoides** (*Wood Fern*). 12.
* " **Marginale** (*Evergreen Wood Fern*). 12 to 24
* " **Goldieanum** (*Shield Fern*). 24 to 36.
* " **Noveboracense.** 12 to 24.
† **Asplenium Filix=fœmina** (*Lady Fern*). 24 to 36.
† " " **Victoriæ** (*Queen of Lady Ferns*). 12 to 15.
* " " **Coronatum.** 12 to 15.
* " " **Plumosum Cristatum.** 12 to 15.
† " " **Multifidum.** 12 to 15.
* " " **Curtum Cristatum,** 12 to 15
† " " **Setigerum.** 15 to 18.
* " " **Corymbiferum.** 15 to 18.
* " " **Retroflexum Cristatum.** 15 to 18.
* " " **Sagittata=Lunulatum.** 15 to 18.
* " " **Cragii Laciniatum.** 15 to 18.
* **Asplenium Thelypteris.** 15 to 18.
† **Dicksonia Punctilobula** (*Gossamer Fern*). 24 to 36.
* **Lastrea Chrysoloba.** 12.
† " **Pseudo=mas Pinderi.** 18 to 24.
† " **Filix=mas** (*Male Fern*). 15 to 28.
† " **Dilitata.** 18 to 24.
† " " **Gracilis.** 18 to 24.
* " **Aristata Variegata.** 12.
† **Nephrodium Hertipes.** 18 to 24.
† **Onoclea Struthiopteris** (*Ostrich Fern*). 24 to 36.
† " **Sensibilis** (*Sensitive Fern*). 12 to 24.
† **Osmunda Claytonia** (*Flowering Fern*). 24 to 36.
† " **Cinnamomea** (*Cinnamon Fern*) 24 to 36.
† " **Regalis** (*Royal Fern*). 24 to 36.
† " " **Cristata.** 12 to 15.
† **Polystichum Prolifera Angulare** (*Lace Fern*). 12 to 18.
† " **Setosum.** 12.
† " **Lobatum.** 15 to 18.
**Scolopendriums** (*Hart's Tongue Ferns*). (See page 199.)

**Price,** 20 cents each; $2.00 per doz.; $15.00 per 100. Set of 34 sorts, $5.50.

## FUNKIA (Plantain Lily).

The Plaintain Lilies are among the easiest plants to manage; their broad, massive foliage makes them attractive subjects for the border even when not in flower. They succeed equally well in sun or shade.

**Cœrulea.** Blue, broad green leaves.

**Fortunei.** Large, glaucous-green foliage, flowers mauve. 25 cts. each.

**— Variegata.** The glaucous foliage nicely marked with yellow and pale green. 35 cts. each.

**Minor Alba.** A pretty miniature-growing variety, with rather large white flowers. 25 cts. each.

**Lanceolata.** Valuable by reason of its late-flowering lilac flowers in September and October.

**Robusta elegans variegata.** The most robust of all the variegated-leaved varieties; foliage large, green, with pretty, white variegations. 25 cts. each.

**Sieboldiana.** Large glaucous foliage; flowers white tinged with lilac.

**Subcordata grandiflora.** Pure white, lily-shaped, fragrant flowers in August.

**Undulata media picta.** Green and white variegated foliage, purple flowers. Makes a fine edging.

**Price,** except where noted, 15 cts. each; $1.50 per doz.; $10.00 per 100. Set of 9 varieties for $1.50.

FUNKIA SUBCORDATA GRANDIFLORA.

**A complete index of the Common or Popular names of flowers is given on page 3.**

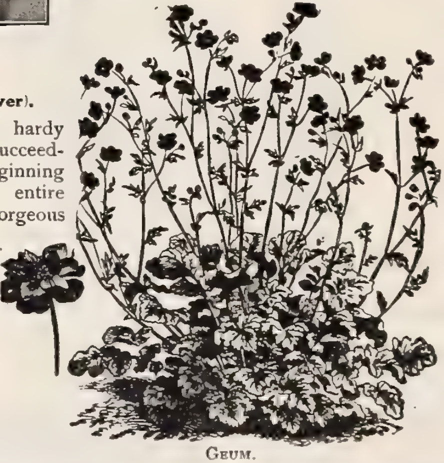
Gaillardia Grandiflora.

## GAILLARDIA (Blanket Flower).

**Grandiflora.** One of the showiest hardy plants, growing about 2 feet high and succeeding in any soil in a sunny position; beginning to flower in June, they continue the entire season. The large flowers are of gorgeous coloring. The centre is dark red brown, while the petals are marked with rings of brilliant crimson, orange and vermilion, and often a combination of all in one flower; excellent for cutting. 15 cts. each; $1.50 per doz.; $10.00 per 100.

## GALAX (Wand Plant).

**Aphylla.** A splendid dwarf plant for a cool, moist position; the rich green leaves turn to a vivid bronze in winter; sweet, wand-like spikes of pure white flowers. 25 cts. each; $2.50 per doz.



Geum.

## GALEGA (Goat's Rue).

A useful border plant, producing showy racemes of pea-shaded flowers in great profusion during July and August; 2 feet.

**Officinalis.** Blue. | **Officinalis Alba.** White.

15 cts. each; $1.50 per doz.

## GENTIANA.

**Acaulis.** Forms a cushion of glossy, dark green foliage; erect, bell-shaped flowers of an intense blue; April to June.

**Andrewsii** (*Blue Gentian*). A pretty native species, growing about 2 feet high; flowers fine blue; in autumn.

25 cts. each; $2.50 per doz.

## GERANIUM (Crane's Bill).

**Grandiflorum.** Pale lilac-blue flowers; 1 foot.

**Platypetalum.** Large rosy-purple flowers in June; 1½ feet.

**Sanguineum.** A desirable plant, with pretty cut foliage and bright crimson flowers; blooms the entire season; 18 inches.

**— Album.** Pure white variety of above.

15 cts. each; $1.50 per doz. Set of 4 sorts, 50 cts.

## GILLENIA (Bowman's Root)

**Trifoliata.** A strong-growing perennial; admirable for the border or for use in connection with shrubs, with handsome trifoliate foliage and numerous white flowers, tinged with pink; July; 3 feet. 25 cts. each; $2.50 per doz.

## GEUM (Avens).

Pretty border plants, growing about 18 inches high, and producing showy, bright-colored flowers the greater part of the summer and fall.

**Coccineum.** Brilliant scarlet flowers.

**Heldreichi.** Beautiful orange-colored flowers; very free.

**Miniatum.** Orange-scarlet; very free.

15 cts. each; $1.50 per doz. Set of 3 sorts, 40 cts.

## GLECHOMA, OR NEPETA.

**Variegata** (*Variegated Groundsel, or Ground Ivy*). A most useful variegated creeper for growing over banks and stones in the rockery. 10 cts. each; $1.00 per doz.; $7.00 per 100.

## GUNNERA (Chilian Rhubarb).

**Scabra.** Probably the noblest of all hardy perennial decorative foliage plants, with leaves which, under favorable conditions, frequently measure 5 to 10 feet across; a well-grown plant attaining a height of 5 feet by 15 to 20 feet in diameter; but to produce a satisfactory growth it must receive liberal treatment. Very rich, deep, mellow soil is indispensable. Full exposure to the sun is advisable, but they should be sheltered from severe winds, and must never suffer for the want of water. Ample protection should be provided. 50 cts. each.

## GYPSOPHILA (Baby's Breath).

The Gypsophilas will thrive in any soil in a sunny position, and on account of their gracefully arranged large panicles of minute flowers should be in every garden; the new variety Paniculata Fl. Pl., if cut and dried, will retain its beauty fof many months, furnishing most attractive decorative material in this shape.

**Acutifolia.** A strong-growing kind, attaining a height of 2 feet, with large panicles of small white flowers in July.

**Cerastioides.** A most useful variety for the rockery, growing but 3 inches high, and producing from June to August small white flowers marked with pink.

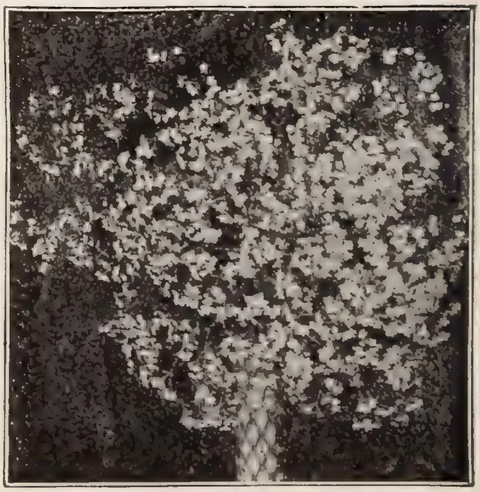
**Paniculata.** A beautiful old-fashioned plant, possessing a grace not found in any other perennial. When in bloom during August and September it forms a symmetrical mass 2 to 3 feet in height, and as much through, of minute pure white flowers; forming a beautiful gauze-like appearance. For cutting it is exquisite, especially in combination with high-colored flowers.

**Paniculata Fl. Pl.** The new double-flowering variety. (See page 199.) 25 cts. each; $2.50 per doz.

**Repens.** An elegant trailing plant for the rockery, with clouds of small white flowers.

**— Rosea.** A charming variety, producing in summer abundance of lovely pink flowers. 25 cts. each; $2.50 per doz.

**Price.** Any of the above, except where noted, 15 cts. each; $1.50 per doz. Set of the 6 varieties for $1.00.



Gypsophila Paniculata

**PAEONIES and PHLOXES are two of our leading specialties. See pages 229 to 233.**

Our Bed of Ornamental Grasses at Pan-American Exposition. The Border is Formed of Pennisetum Rueppelianum, Which we Offer Under Garden and Greenhouse Plants.

# Hardy Ornamental Grasses.

Mr. George W. Oliver, the well-known writer on horticultural subjects and one of the experts of the U. S. Department of Agriculture, has written the following cultural notes on Grasses especially for this book. His cultural notes on Bamboos on the next page should not be overlooked.

"The ornamental grasses, exclusive of the Bamboos, can be used with telling effect in borders, large beds, or by the margin of ponds and lakes. They are often used with small shrubs and medium-sized trees in wide borders. The Eulalias, planted singly on lawns where the soil is deep and rich, take care of themselves, and grow rapidly into large specimens. In large, round beds, with ornamental grasses as the principal feature, the effect is heightened by the addition of such plants as Cannas or dwarfer flowering plants near the margin. The tallest of the grasses is the Giant Reed (Arundo Donax). A small plant will soon establish itself and grow from 12 to 20 feet in height. In large, round beds this is the best of all the species for the central position. A less hardy form has variegated leaves growing 8 to 10 feet in height. It keeps its color well throughout the summer months The Hardy Pampas (Erianthus Ravennæ) comes next in height to the green-leaved Arundo. It is not far behind the gorgeous Pampas (Gynerium) when in bloom. It attains a height of 10 to 12 feet under ordinary conditions. All of the grasses, but especially the Arundo and Erianthus, do best when given a heavy soil, enriched with manure and an abundant supply of water. Eulalia Japonica Variegata and Zebrina are probably the handsomest of all the variegated grasses, growing 6 feet high, and as much in diameter; the variety E. Gracillima Univittata is a narrow-leaved species, with a light band down the centre of each leaf. Among the small growing kinds, for a dwarf tufted border, Festuca Glauca has no equal."

**Arrhenatherum bulbosum folia variegata.** A pretty dwarf tufted Grass; leaves green and white; 6 to 8 inches. 25 cts. each; $2.50 per doz.

**Arundo Donax** (*Great Reed*). A magnificent variety, growing to a height of 20 feet. 25 cts. each; $2.50 per doz.

**— — Variegata.** A beautiful variegated form. Foliage creamy-white and green; 8 to 10 feet. 25 cts. each; $2.50 per doz.

**Elymus Glaucus** (*Blue Lyme Grass*). A handsome Grass with narrow glaucous silvery foliage; well adapted for the border or the edge of beds containing taller sorts; 3 feet. 25 cts. each, $2.50 per doz.

**Erianthus Ravennæ** (*Plume Grass, or Hardy Pampas*). Grows from 10 to 12 feet high, frequently throwing up from 30 to 50 flower spikes. It closely resembles the Pampas Grass. 25 cts. each; $2.50 per doz.; clumps, 50 cts. each.

**Eulalia Gracillima Univittata** (*Japan Rush*). Of graceful habit, with very narrow foliage; of a bright green color, with a silvery midrib. 25 cts. each; $2.50 per doz.; clumps, 50 cts. each.

**Eulalia Japonica Variegata.** A very ornamental variety; long, narrow leaves, striped green, white and often pink or yellow. Flower stalks from 4 to 6 feet. 25 cts. each; $2.50 per doz.; clumps, 50 cts. each.

**Eulalia Japonica Zebrina** (*Zebre Grass*). The long blades of this variety are marked with broad yellow bands *across* the leaf. It makes a very attractive specimen plant for the lawn. 25 cts. each; $2.50 per doz.; clumps, 50 cts. each.

**Festuca Glauca** (*Blue Fescue*). A pretty dwarf tufted Grass, with glaucous foliage. 15 cts. each; $1.50 per doz.; $10.00 per 100.

**Gynerium Argenteum** (*Pampas Grass*). One of the most effective. Its silvery plumes are produced on stems 8 to 10 feet high. Well-established plants can remain in the open ground if protected. 25 cts. and 50 cts. each.

**Imperata Saccharifiora.** A strong-growing Grass, attaining a height of 4 to 5 feet, producing silvery white plumes during July and August. 25 cts. each; $2.50 per doz.

**Molina Cœrulea.** An elegant grass for edging, not exceeding 6 inches in height, with pretty green and white variegated foliage. 15 cts. each; $1.50 per doz.

**Panicum Virgatum.** A very ornamental native species growing 3 to 5 feet high in handsome tufts, with long linnear, dark tinted foliage and graceful flower panicles throughout the summer and autumn; fine for cutting. 25 cts. each; $2.50 per doz.

**Phalaris Arundinacea Variegata** (*Variegated Ribbon Grass, or Gardener's Garters*). Large variegated foliage; an excellent Grass for bordering large beds. 10 cts. each; $1.00 per doz.; $8.00 per 100.

**ORNAMENTAL HARDY BAMBOOS are offered on page 220.**

BAMBUSA AUREA.

## HARDY BAMBOOS (Bambusa).

Mr. Geo. W. Oliver, of Washington, the well-known expert, has written the following especially for this book:

"All of the Hardy Bamboos grow best where the soil is rich, moist and well drained. They do not thrive in stiff hard clay,

"During the summer months it is advisable to mulch small or newly planted specimens until well established with a mixture of leaves, moss and manure. The mulch should not be removed, but rather added to on the advent of cold weather, and with species which have been untried in any locality they should get protection over the crowns in winter, because, while well-established plants might prove perfectly hardy, those which are in the process of becoming established are more likely to succumb to freezing weather. During the growing period the plants should receive an abundance of water.

"Bamboos require a sheltered position—that is, a place in which the soft, tender shoots will not be whipped about by the wind.

"They stand out most strikingly with a background of almost any of our native trees, with the possible exception of the willow, the leaves of which are too similar in outline to give a striking contrast. Nothing is more effective than clumps of Bamboos on the borders of ponds, lakes or the banks of streams, especially where there is rising land beyond."

**Aurea.** A distinct and beautiful species; grows 15 to 20 feet high, with straight yellowish stems and light green foliage. $1.00 each. Large specimens, 6 to 7 feet high, $10.00 each,

**Auricoma.** A dwarf golden variegated variety, which is very ornamental; grows about 3 feet high. $1.00 each.

**Fortunei Variegata.** A handsome dwarf evergreen variety with green and white variegated foliage; grows about 18 inches high, and makes an elegant subject for the rockery. 50 cts. each.

**Henonis.** A graceful species, with shiny green foliage, of dense growth, and much branched yellowish-green stems; 10 to 15 feet. $1.00 each.

**Metake.** A handsome evergreen species; 6 to 10 feet high; large, deep green foliage. $1.00 each.

**Simoni.** Height, 15 to 20 feet, leaves 8 to 12 inches long, erect, slender growth, branches in dense clusters. 75 cts. each.

**Viminalis.** A dwarf sort, 1½ to 2 feet high, stems zigzag, dark green, sheaths purple, leaves 2 to 3 inches long, about an inch wide, ovate in outline. 75 cts. each.

**Viride Glaucesens.** One of the best; very graceful; stems yellow; foliage blue-green; 15 feet. $1.00 each.

One plant each of the 8 Bamboos for $6.00.

## HELENIUM (Sneeze-wort).

All of these are desirable border-plants, succeeding in any soil in a sunny location, with broad-spreading heads of flowers, useful for cutting, each species covering a long blooming season.

**Autumnale Superbum.** Grows from 5 to 6 feet high, with broad heads of deep golden-yellow flowers during the late summer and fall months.

— **Rubrum.** New red variety (for description, see page 199). 25 cts. each.

**Grandicephalum Striatum.** Of strong, robust, erect habit, growing 3 to 4 feet high, with flowers about 1½ inches in diameter, in large, branching heads, of a deep orange color, irregularly striped and blotched with crimson; July and August.

**Hoopesi.** Pure orange-yellow flowers, 2½ inches across, and the earliest to flower, coming in early in June and continuing throughout July, 2 feet.

**Pumilum Magnificum.** A most useful summer and autumn-flowering perennial, growing about 18 inches high and almost smothered with its golden-yellow blossoms.

**Riverton Beauty.** New (for description, see page 199). 25 cts. each.

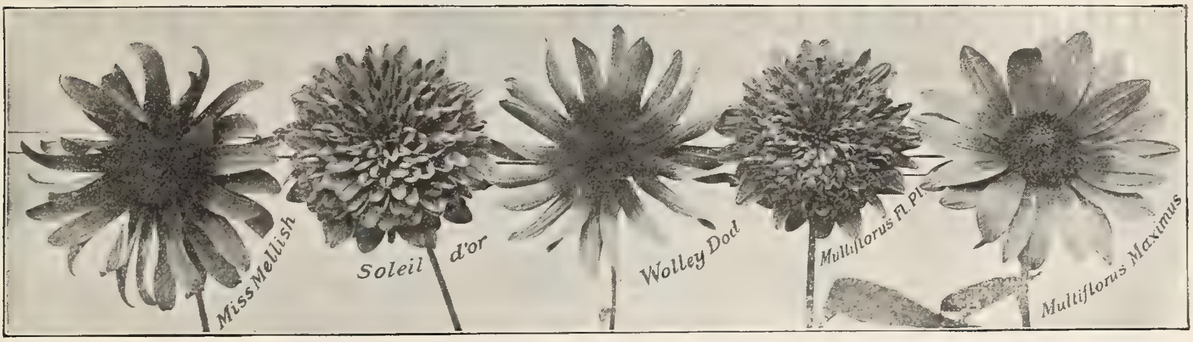
**Riverton Gem.** New (for description, see page 199). 25 cts. each.

15 cts. each; $1.50 per doz.; $10.00 per 100. Set of 7 sorts, $1.25.

## HELIANTHEMUM (Rock, or Sun Rose).

Exceedingly pretty, low-growing evergreen plants, forming broad clumps, and which, during their flowering season, are quite hid by a mass of bloom; well adapted for the front of the border, the rockery, or a dry, sunny bank. Choice mixed varieties, 15 cts. each; $1.50 per doz.; $10.00 per 100.

HELENIUM PUMILUM MAGNIFICUM.



A GOOD LINE OF HARDY SUNFLOWERS.

## HELIANTHUS (Hardy Sunflowers).

The perennial Sunflowers are among the most effective hardy plants for large borders for planting among shrubbery, or as clumps on the lawn. They are remarkably free-flowering, will succeed in any soil, and are invaluable for decorative purposes or as cut flowers during the summer and autumn.

**Meteor.** Large double orange-yellow flowers, with bold yellow guard petals; 5 feet; August and September.

**Soleil d'Or.** Deep golden-yellow, quilled petals, not unlike a Dahlia; 4 feet; August and September.

**Multiflorus Fl. Pl.** (*Double Hardy Sunflower*). Large, double Dahlia-like golden-yellow flowers in great profusion during July and August; 4 feet. (See cut.)

**Daniel Dewar.** The earliest to flower, bearing large single yellow flowers from early July till late August; 6 feet.

**Multiflorus Maximus.** A gigantic single variety, growing from 5 to 6 feet high, producing immense single golden-yellow flowers from 6 to 8 inches across; from August to September; one of the finest.

**Mollis.** Large, single lemon-yellow flowers, with downy white foliage; blooms in August and September; 4 feet.

**Orgyalis.** A tall variety, 6 feet high, with medium-sized single golden-yellow flowers during September.

**Giganteus.** A native variety with medium-sized bright canary-yellow flowers in September and October; 6 feet.

**Maximiliana.** The latest of all, perfecting its fine golden-yellow flowers in long, graceful sprays during October, when all others have finished flowering; invaluable for cutting; 5 to 7 feet.

**Miss Mellish.** Flowers in September and October. Grows about 6 feet high, with large, single golden-yellow flowers.

**Rigidus Japonicus.** One of the most desirable varieties, beginning to bloom early in July and continuing until fall; flowers golden-yellow, with dark centres; 5 feet.

**Wolley Dod.** The best of the September-flowering varieties, with deep yellow flowers; entirely distinct.

**Price,** 15 cts. each; $1.50 per doz.; $10.00 per 100. One each of the 12 sorts for $1.50.

## HELIOPSIS (Orange Sunflower).

Similar in general habit to Helianthus, but commencing to flower earlier in the season; of dwarfer habit, rarely exceeding 3 feet in height; very valuable for cutting.

**Pitcheriana.** A desirable variety, beginning to flower early in the season and continuing the entire summer. The flowers are of a beautiful deep golden yellow, about 2 inches in diameter, of very thick texture and a useful cut flower.

**Pitcheriana Semi-plena.** A comparatively new semi-double form of the above.

15 cts. each; $1.50 per doz.; $10.00 per 100.

## HESPERIS (Rocket).

**Matronalis.** A strong-growing perennial, forming stout, bushy plants 3 to 4 feet high, with showy terminal spikes of pink flowers during June and July. 15 cts. each; $1.50 per doz.

## HELLEBORUS (Christmas Rose).

Most valuable hardy plants on account of yielding with utmost freedom in very early spring, a season when flowers are scarce, their beautiful, large—two or three inches across—blossoms. They succeed in any ordinary garden soil in a sheltered semi-shaded situation. 35 cts. each; $3.50 per doz.

## HEPATICA (Liver Leaf).

**Angulosa.** One of the prettiest very early spring flowering plants, with white, red or purple flowers and handsome foliage; well suited for shady nooks in the rockery.

**Triloba.** A pretty native spring flowering plant, with pretty blue flowers.

15 cts. each; $1.50 per doz.

## HERACLEUM.

**Giganteum** (*Giant Parsnip*). A plant of bold appearance, growing 6 feet or more high, with gigantic ornamental foliage; well adapted to plant on the margins of ponds on in the wild garden. 25 cts. each; $2.50 per doz.

## HERNIARIA (Turk's Herb).

**Glabra.** A closely-tufted moss-like plant, well adapted for the rockery or for carpet bedding, succeeding in the poorest soil. Small greenish flowers; the dark-green foliage turns to a deep red in winter. 15 cts. each; $1.50 per doz.; $10.00 per 100.

HELIOPSIS PITCHERIANA.

**We can supply seeds of most of the Hardy Perennials. See Flower Seeds, pages 58 to 126.**

# HEMEROCALLIS or YELLOW DAY LILIES.

**Five of the most important varieties are shown in colors on the plate opposite.**

The Yellow Day Lilies rank among the important hardy perennial plants, their showy rich-colored flowers with their wholesome fragrance make them valuable subjects in any garden.

They adapt themselves and thrive luxuriantly under more varied conditions of climate, soil and exposure than any other perennial plant, and, while a moist partially shaded position is the ideal spot for them, they do almost equally as well in a dry place with full exposure to the sun—in fact, we have several clumps in the rock garden at our nursery which make as good a showing as plants in more favored positions, the only difference being that the flowering season is somewhat shorter.

They are not subject to insect pests or diseases of any kind and are absolutely hardy and require no protection, with the exception of the variety Aurantiaca Major, which is better for being stored in a cold frame or cellar over winter.

While the individual flower is short-lived, there is such a quick succession of bloom that every plant makes a good showing continuously throughout its flowering season and even when out of bloom the bright green tufts of long graceful foliage add to the freshness of the border.

**Aurantiaca.** Trumpet-shaped flowers five inches across, of a pleasing neutral orange color, the tube, stamens and reverse of petals bright Indian-yellow, comes into bloom about the middle of June, lasting well through July; height 3 to 4 feet. Shown in colors on plate opposite. 25 cts. each; $2.50 per doz.; $18.00 per 100.

**Aurantiaca Major.** One of the finest flowers, fully 6 inches in diameter, color a rich Indian-yellow throughout; in bloom from the end of June to the close of July; height 2 feet; requires protection in winter. 25 cts. each; $2.50 per doz.; $18.00 per 100.

**Dumortieri.** Very dwarf, rarely exceeding 20 inches in height, beginning to flower the first of June, continuing throughout the month. In color a rich cadmium-yellow, buds and reverse of petals bronzy-yellow.

**Florham.** A strong grower, 3 to 3½ feet high, blooms from the middle of June to the middle of July, very large trumpet-shaped flowers of a rich golden yellow with bright Indian-yellow markings. Shown in colors on plate opposite. 25 cts. each; $2.50 per doz.; $15.00 per 100.

**Flava** (*Yellow Day Lily*). The best known variety, very fragrant, deep lemon-yellow flowers; begins blooming early in June, continuing well into July; height 2½ to 3 feet.

**Fulva** (*Tawny Day Lily*). Grows from 4 to 5 feet high and opens its first flowers the last week in June, continuing throughout July; the trumpet-shaped flowers are a neutral orange color with darker shadings deepening towards the centre; the tube is a rich chrome yellow.

**Fulva Fl. Pl.** The double-flowering form of the preceding.

**Gold Dust.** Grows 2½ feet high and flowers from the middle of May to the middle of June on many flowered stems; flowers of a bright Indian-yellow, the buds and reverse of petals a bronzy gold color, producing a pleasing two-color effect. Shown in colors on plate opposite.

**Middendorfii.** The earliest of all to bloom, frequently coming into flower during the first week in May; the bell-shaped, rich, chrome-yellow flowers are held upright and are produced very freely; grows about 2 feet high. Shown in colors on plate opposite.

**Thunbergii.** Medium sized funnel-shaped flowers of rich buttercup yellow; very free-flowering during the whole month of July when there are but few yellow flowers in the border; height 4 feet. Shown in colors on plate opposite.

**Price.** Any of the above, except where noted, 15 cts. each; $1.50 per doz.; $10.00 per 100. Set of 5 varieties, shown on color plate opposite, for 75 cts., or complete set of 10 varieties for $1.50.

## HEUCHERA (Alum Root).

Most desirable dwarf, compact, bushy plants of robust constitution and easy culture, growing 1½ to 2 feet high, and bearing during July and August loose, graceful spikes of flowers in the greatest profusion; excellent subjects either for the border or rockery, and of great value for cutting.

**Sanguinea.** Bright coral-red.
**— Alba.** Creamy-white.
**Rosea.** Rose-colored.
15 cts. each; $1.50 per doz.; $10.00 per 100.

## HOUSTONIA (Bluets, Quaker Lady or Innocence).

**Serpyllifolia.** A low creeper, best adapted to grow on a rockery in moist situation, where it forms broad carpets of foliage, which in very early spring is hidden beneath a cloud of small but showy light-blue flowers. One of the earliest spring flowers. 15 cts. each; $1.50 per doz.

## HIBISCUS (Mallow).

A desirable border plant, succeeding in any sunny position, but doing best in a damp place; grows 4 feet high, with large foliage and large, showy flowers of delicate coloring, produced during the entire summer.

**Militaris** (*Halbert-leaved Rose Mallow*). A tall-growing species, with delicate flesh-pink flowers, tinged with deeper color towards the centre.

**Moscheutos** (*Swamp Rose Mallow*). Flowers 6 inches in diameter; of a light rosy-red color, with darker eye.

**— "Crimson Eye."** Flowers of immense size, often measuring *twenty inches in circumference.* The color is of the purest white, with a large spot of deep velvety crimson in the centre.
15 cts. each; $1.50 per doz.; $10.00 per 100.

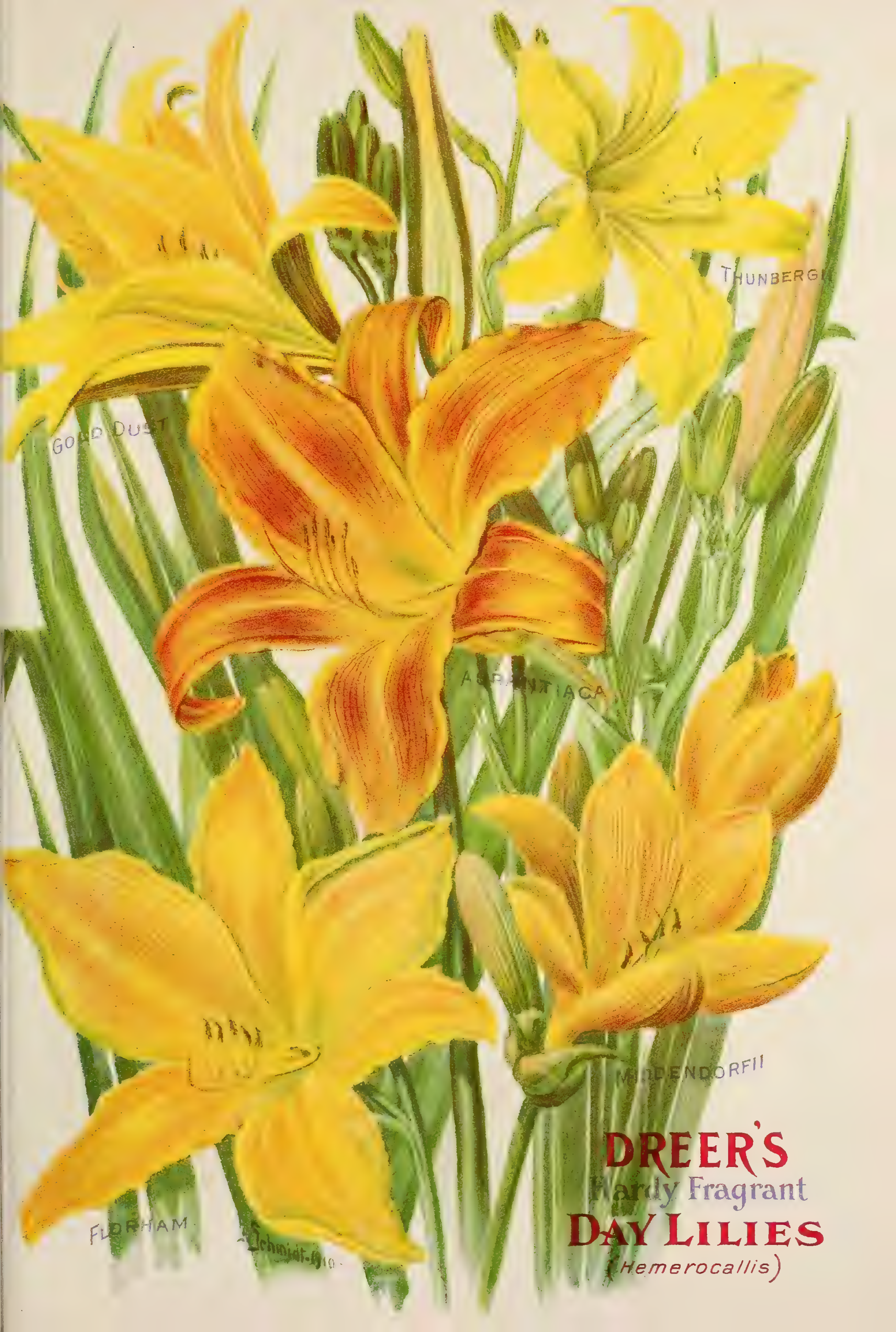
## HIERACIUM (Hawk-weed).

**Aurantiacum.** A low-growing, rapid-spreading plant, adapted for dry, sandy spots, or for covering steep slopes. The bright, orange-red flowers are borne in flat heads.

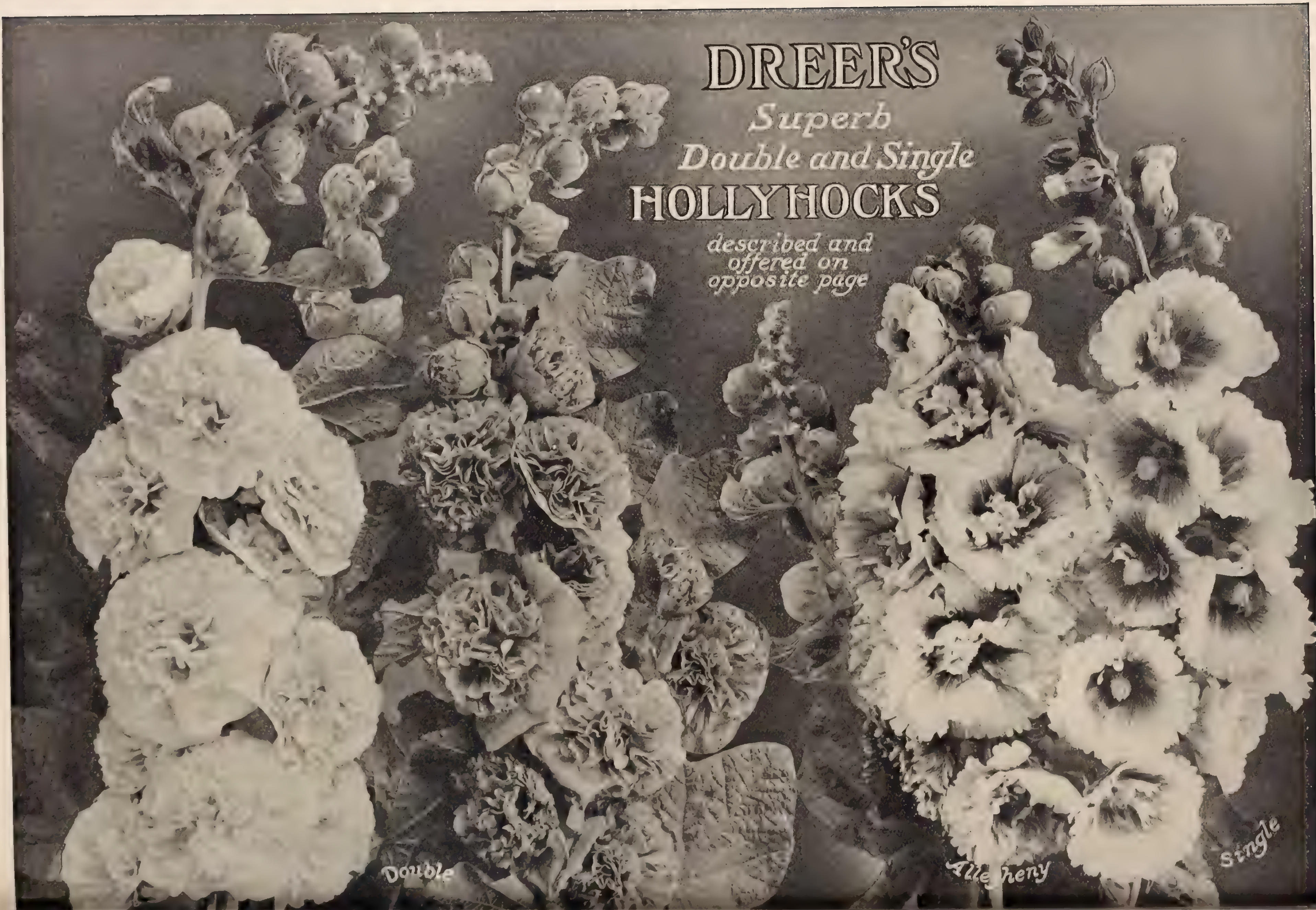
**— Rubrum.** A bright colored form of the above.

**Villosum.** Grows 1 to 2 feet high, with silvery foliage and large, bright, golden-yellow flowers from June to August.
15 cts. each; $1.50 per doz.

Hibiscus Crimson Eye.


THUNBERG
GOLD DUST
AURANTIACA
MIDDENDORFII
FLORHAM
Schmidt-1910

# DREER'S
# Hardy Fragrant
# DAY LILIES
(Hemerocallis)



# DREER'S

Superb

Double and Single

# HOLLYHOCKS

described and
offered on
opposite page

Double
Allegheny
Single

# DREER'S SUPERB HOLLYHOCKS.

We illustrate on the plate opposite the three types of Hollyhocks which are offered below.

Stately, majestic, hardy plants, which are on a par in popularity in the old-fashioned, hardy garden with such favorites as the Larkspur, Canterbury Bells, Foxglove, and a dozen others, and not only are they a necessary part of every such garden, but should also find a place interspersed with shrubbery, as clumps on the lawn or in the mixed border, where their colossal spikes of bloom produce bold and showy effects, which cannot be secured with any other flowering plant.

The Hollyhock requires a deeply dug, well-drained soil, enriched with thoroughly decayed manure, and should be liberally supplied with water during dry weather. A slight protection through the winter will be beneficial; a light covering of loose leaves or evergreen branches will be suitable for this purpose. An occasional spraying with Bordeaux mixture, which should be applied early in the growing season, usually prevents the disease, which is prevalent in unfavorable localities. We offer the best Double, Fringed and Single sorts as under.

## Dreer's Double Hollyhocks.

Perfectly double rosettes of beautifully formed flowers in the following colors:

**Double White.**
**Double Rose.**
**Double Yellow.**
**Double Red.**
**Double Maroon.**

20 cts. each; $2.00 per doz.; $15.00 per 100.

**Double Mixed.** Choicest colors.
15 cts. each; $1.50 per doz.; $10.00 per 100.

## Dreer's New Double Hollyhock "NEWPORT PINK."

A charming variety, which originated in one of the famous gardens at Newport, R. I. It is of strong, vigorous habit, producing colossal spikes of very double pure pink flowers, a shade that is eagerly sought for in all classes of plants.
25 cts. each; $2.50 per doz.; $18.00 per 100.

## DREER'S DOUBLE FRINGED HOLLYHOCKS "ALLEGHENY."

Mammoth flowers, wonderfully formed of loosely arranged fringed petals, which look as if made from the finest China silk. The colors vary from the palest shrimp-pink to deep red. The plants are of strong growth, sending up spikes 6 to 7 feet high.
15 cts. each; $1.50 per doz.; $10.00 per 100.

## DREER'S OLD-FASHIONED SINGLE HOLLYHOCKS.

Many prefer the single-flowering Hollyhocks. They are usually of freer growth than the doubles, and present a very handsome appearance when covered with their artistic blossoms. Choicest mixed varieties in all colors.
15 cts. each; $1.50 per doz.; $10.00 per 100.

**Hollyhock Seed.** We offer seed of all of the above varieties. See page 99.

## HYPERICUM (St. John's-wort).

**Moserianum.** One of the very best herbaceous plants in our collection. The habit of the plant is free and graceful; it produces long, slender, much-branched stems, leafy to the base and all drooping toward the ends, apparently from the weight of the flowers and buds, although the flowers face, so that none of their beauty is lost. It is marvellously free-flowering, of large size, measuring from 2 to 2½ inches in diameter; in color a rich golden yellow, which is rendered still more effective by the numerous yellow stamens and crimson anthers, and blooms continuously the entire season. Strong plants, 15 cts. each; $1.50 per doz.; $10.00 per 100.

Hypericum Moserianum.

## IBERIS (Hardy Candytuft).

Most desirable dwarf plants with evergreen foliage, which is completely hidden with dense heads of flowers early in the spring.

**Corræfolia.** White flowers, 9 inches high.

**Little Gem.** A dwarf, compact variety, covered with a sheet of pure white blossoms in spring.

**Sempervirens.** Innumerable flat heads of pure white flowers.

**Sempervirens Superba.** A large-flowered form of the above.

**Snowflake.** A grand variety, having exceptionally large and pure white flowers, and borne in great masses during May and June.

15 cts. each; $1.50 per doz.; $10.00 per 100. Set of 5, 60 cts.

Incarvillea Delavayi.

## INCARVILLEA (Hardy Gloxinia).

**Delavayi.** One of the choicest perennial plants introduced in recent years. It produces large gloxinia-like rose-colored flowers, which last in perfection a long time; these are produced in clusters on stems 18 inches high; succeeds in sun or shade, but should be protected with a covering of leaves during the winter. 15 cts. each; $1.50 per doz.

**Grandiflora.** A great improvement on the preceding, surpassing it in size and beautiful coloring, the flowers being fully one-half larger and the color brighter. 25 cts. each; $2.50 per doz.

## INULA (Flea Bane).

Effective free-flowering plants for the hardy border, blooming from June to August.

**Ensifolia.** Very free-flowering, yellow; 18 inches.
**Glandulosa Grandiflora.** Very large orange-yellow flowers; 2½ feet.
**Montana.** Very free-flowering; yellow flowers; 1½ feet.
**Oculus-Christi.** Large golden flowers, with dark centres; 2 feet.
**Royleana.** Large golden-yellow flowers; 2 feet.

25 cts. each; $2.50 per doz.; set of 5 varieties, $1.00.

Our "INTRODUCTION COLLECTIONS" of Hardy Perennials are just the thing for the beginner. See page 195

Japanese Iris.

# JAPANESE IRIS.

(Iris Kaempferii.)

These magnificent Iris are among the most beautiful of our summer flowering plants, and are becoming more popular each season. They commence blooming about the middle of June, and continue for five or six weeks Many of these flowers measure from 10 or 12 inches in diameter, and rival the orchids in their rich colorings While this Iris succeeds in almost any soil and condition, it delights in a rich, deep, moist position.

(*Order by name or number.*)

## SINGLE JAPANESE IRIS.

Very large artistic flowers with three petals.

No. 1. **Iso-no-nami.** Silvery white, veined violet.
No. 6. **Date-dogu.** Rich violet purple.
No. 11. **Hano=no=nishiki.** Violet purple, veined with white.
No. 12. **Shippo.** Light lilac, densely veined purple
No. 14. **Shishi-ikari.** White ground, densely veined dark purple.
No. 15. **Gekka=no=nami.** A very early pure white
No. 43. **Shi=un=ryo.** Light violet, veined deeper.
No. 55. **Shuckinkwa.** Crimson purple, white veins and centre; a showy variety.
No. 79. **Kokirin.** Rose tinted white, veined purple.
No. 81. **Sumida.** White, faint violet veins.
No. 83. **Washi=no=wo.** Mottled purple, bright violet centre
No 89. **Oku-miyako.** Light blue, marked white.

**Price,** 25 cts each; $2.50 per doz.; $15.00 per 100; Set of 12, $2.50.

## DOUBLE-FLOWERING JAPANESE IRIS.

Under this head we offer the very choicest sorts, having flowers with six large petals.

No. 4. **Yomo=no=umi.** The finest double white.
No. 5. **Koki=no-iro.** Light violet, with white veins.
No. 9. **Oniga-shima.** Violet, with white veins.
No. 13. **Yedo=jiman.** Rich royal purple.
No. 26. **Uchiu.** Bright crimson purple, with white veins.
No. 46. **Otorige.** Aniline-blue, veined white.
No. 47. **Renjo-no=toma.** Light lilac, suffused violet.
No. 58. **Mana=dsuru.** A fine late white.
No. 72. **Uji=no=hotaru.** Bright violet purple, shaded blue
No. 78. **Gabisan.** Violet, each petal edged white.
No. 88. **Naden.** Bright royal purple.
No. 101. **Sekizan.** Lilac, veined deep purple.

**Price,** 25 cts. each; $2.50 per doz.; $15 00 per 100. Set of twelve, $2.50.

**Extra Choice mixed varieties,** containing both single and double, 15 cts. each; $1.50 per doz; $10.00 per 100.

## VARIOUS IRIS.

In addition to the very select list of Japanese and German Iris offered on this and the next page, we offer below some very fine species and varieties. We also offer on page 200 the choicest novelties in this charming family.

**Fœtidissima variegata** (*Gladwin*). Foliage neatly variegated dark green and white; flowers pale lilac, followed by very attractive seedpods, which remain on the plant all winter, and which burst open, displaying rows of orange-red berries. 25 cts. each; $2.50 per doz.

**Longipetala Superba.** An entirely distinct and handsome species, growing 4 feet high, with soft porcelain-blue flowers, and long, pale-blue falls. 25 cts. each; $2.50 per doz.

**Ochroleuca Gigantea.** A noble species, growing 4 feet high, with large, pale yellow flowers. 25 cts. each; $2.50 per doz.

— — **Aurea.** A golden yellow form. 25 cts. each; $2.50 per doz.

**Pallida Dalmatica.** One of the finest of the Germanica type, of strong, vigorous habit, growing in good soil, 4 feet high, with exceptionally large, fragrant flowers, standards lavender, falls lavender shaded blue; exquisite in every way and fine for massing, 25 cts. each; $2.50 per doz.

**Psuedo Acorus.** Golden yellow flowers. Entirely distinct. 15 cts. each; $1.50 per doz.

**Pumila hybrida Cyanea.** Rich royal purple, with blackish shadings.

— **Eburna.** Pure white, with creamy-white shadings.

— **Florida.** A beautiful lemon-yellow, shaded darker.

— **The Bride.** Creamy white, fine large flower.

20 cts. each; $2.00 per doz. Set of 4 sorts, 75 cts.

**Sibirica.** Purplish-blue flowers on slender scapes 3 feet high, useful for cutting. 15 cts. each; $1.50 per doz.

— **Orientalis.** Rich violet-blue; very free and one of the best, succeeding in any position. 15 cts. each; $1.50 per doz.

— — **Snow Queen.** This new variety possesses all the merits of the type, differing only in color, which is a pure white 15 cts. each; $1.50 per doz.; $12.00 per 100.

**GERMAN IRIS are offered on next page. For New and Rare sorts, see page 200.**

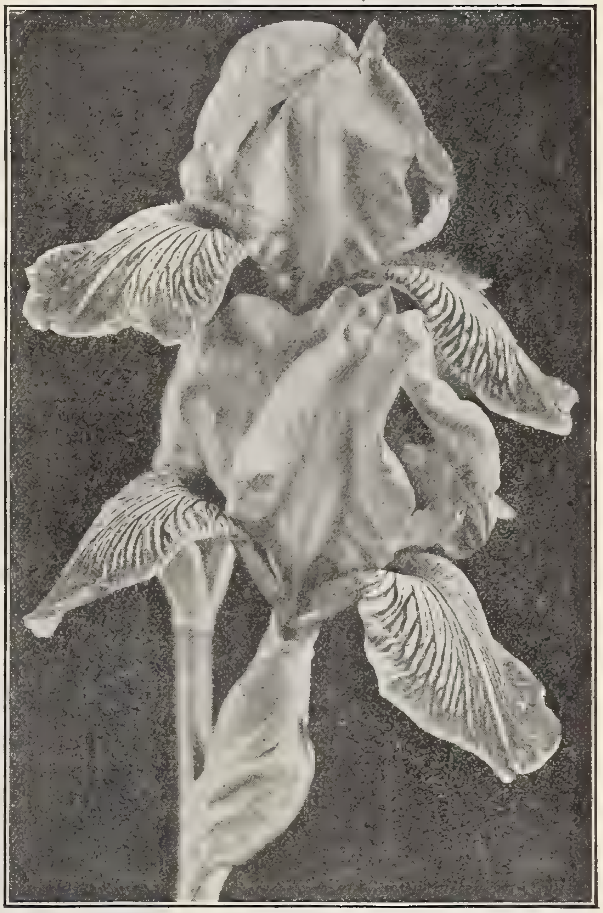
## GERMAN IRIS (I. Germanica).

The German Iris is one of the most desirable early spring-flowering plants. The flowers are of large size and of exquisite colors. No garden is complete without a collection of these beautiful "Flags." We offer the following choice sorts:

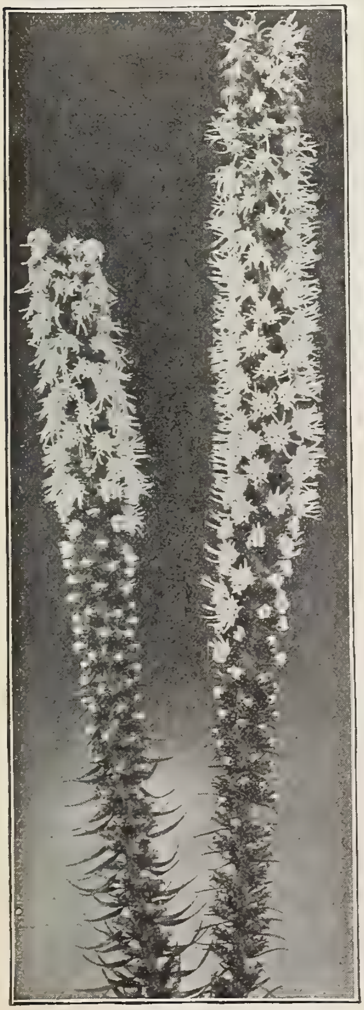
**Cherion.** Standard lilac-mauve; falls violet-mauve.
**Florentina Alba.** Very free-flowering white.
**Edith.** Standards light plumbago-blue; falls purple.
**Gazelle.** White frilled rich mauve.
**Honorabilis.** Standards golden yellow, falls rich mahogany brown.
**Johan de Witt.** Standards bluish-violet; falls deep violet-purple, veined with white.
**Jordan.** Standards and falls light mauve.
**La Tendresse.** Ageratum blue throughout.
**Lord Salisbury.** Stankards amber-white; falls dark violet-purple.
**Maori King.** Standards golden yellow; lower petals chocolate, veined white aud edged yellow. 25 cts. each; $2.50 per doz.
**Mrs. H. Darwin.** Standards white; falls slightly reticulated violet.
**Mme. Chereau.** Standards and falls pure white; daintily edged with light blue.
**Plicata.** Standards and falls bright violet-purple.
**Rembrandt.** Standards light lavender; falls deeper.
**Shakespeare.** Standards straw yellow, veined with burnt umber; falls deep carmine-violet.
**Spectabilis.** Light and deep violet-purple.
**Souvenir.** Standards yellow; falls veined brown.
**Tineæ.** Standards and falls deep ageratum blue.

**Price:** Any of the above (except where noted), 15 cts. each; $1,50 per doz.; $10.00 per 100. Set of 18 vaieties, $2.25.

**Mixed German Iris.** 10 cts. each; $1.00 per doz.; $6.00 per 100.



German Iris, Mme. Chereau.



Liatris.

## LAMIUM (Dead Nettle).

**Album.** A choice green leaved variety with white flowers in early summer.
**Purpureum variegatum.** A desirable variegated-leaved creeping plant for the rockery, producing small pink flowers through the summer months.
15 cts. each; $1.50 per doz.

## LAVANDULA (Lavender).

**Vera.** This is the true Sweet Lavender; grows about 18 inches high; delightfully fragrant blue flowers in July and August. 15 cts. each; $1.50 per doz.; $10.00 per 100.

## LEONTOPODIUM (Edelweiss, or Alpine Snowflower).

**Alpinum.** This Alpine beauty is well known to tourists who have traveled in Switzerland. It is a hardy plant, and well worth a trial. It should be grown either on the rockery or in well-drained, sandy soil. 25 cts. each.

## LIATRIS (Blazing Star, or Gay Feather).

Most showy and attractive native plants, succeeding anywhere and producing their large spikes of flowers from July to September. (See cut.)

**Pycnostachya.** Spikes of light, rosy-purple flowers; 5 feet.
**Scariosa.** Deep purple flowers in spikes 3 to 4 feet high.
**Spicata.** Deep purple flowers in spikes 2 to 3 feet high.
15 cts. each; $1.50 per doz.; $10.00 per 100. Set of 3 sorts 40 cts.

## LINARIA (Toad-flax).

**Hepaticæfolia Alba.** A very pretty floriferous perennial of creeping habit, forming a dense carpet of marbled foliage and small white flowers in early summer; useful on the rockery. 25 cts. each. $2.50 per doz.

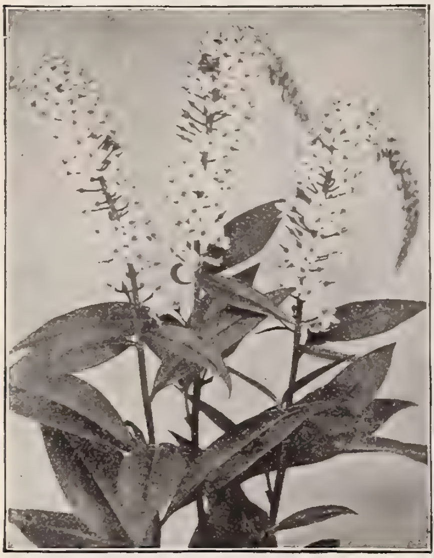
## LINDELOFIA.

**Longifolia.** Grows about 2 feet high, and produces blue Forget-Me-Not-like flowers during May. 25 cts. each; $2.50 per doz.

## LITHOSPERMUM (Gromwell).

**Prostratum.** An elegant creeping plant for the rockery, bearing lovely small blue flowers from April to September. 25 cts each; $2.50 per doz.

**We feature Day Lilies and Hollyhocks this season. See plates and offer opposite pages 222 and 223.**



Lysimachia Clethroides.

## LOBELIAS.

Handsome border plants, thriving in any ordinary garden soil, but preferring a moist, deep loam, where they will not suffer from drought. Few plants are more effective at their season of bloom, which extends from early in August till late in September.

**Cardinalis** (*Cardinal Flower*) Rich, fiery cardinal flowers; strong plants, often producing 10 to 18 spikes, 12 to 24 inches long. 15 cts. each; $1.50 per doz.; $10.00 per 100.

**Nanseniana.** Rich, bronzy foliage and purplish-carmine flowers. 25 cts. each; $2.50 per doz.

**Queen Victoria.** Flowers deeper in color than above and with rich, bronzy foliage; requires protection in this latitude. 25 cts. each; $2.50 per doz.

**Syphilitica hybrida** (*Great Lobelia*). A choice selection of our native Lobelia, producing large spikes of flowers varying from blue to pure white; July to September; 2 to 3 feet. 15 cts. each; $1.50 per doz.; $10.00 per 100.

## LYSIMACHIA.

**Ciliata** (*Fringed Loose Strife*). Grows 2 feet high; yellow flowers in July.

**Clethroides** (*Loose-strife*). A fine hardy variety, about 2 feet high, with long, dense, recurved spikes of pure white flowers from July to September. (See cut.)

**Nummularia** (*Creeping Jenny*, or *Money-wort*). Valuable for planting under trees or shrubs where grass will not grow, where it quickly forms a dense carpet, 10 cts. each; $1.00 per doz.; $8.00 per 100.

**Punctata.** Plants 2 to 3 feet high, with yellow flowers during July and August.

15 cts. each; $1.50 per doz.; $10.00 per 100, except where noted.

Linum (Flax).

Lobelia Cardinalis.

## LILIUM (Lily).

All herbaceous borders should have a few Lilies scattered through them. The sorts offered below can be planted with excellent results during the spring months. It is in the hardy border that Lilies do best, as they get the benefit of the shade of the surrounding plants, which is so necessary for their welfare; other varieties should be planted in the autumn, and are offered in our autumn catalogue.

**Auratum** (*Gold-banded Lily*). Large, graceful flowers, composed of six petals of a delicate ivory-white, thickly studded with chocolate-crimson spots, and striped through the centre a golden-yellow. 20 cts. each; $1.75 per doz.; $12.00 per 100.

**Speciosum Album.** Large white flowers of great substance, with a greenish band running through the centre of each petal. 20 cts. each; $1 75 per doz.; $12.00 per 100.

**Speciosum Rubrum, or Roseum.** White, heavily spotted with rich, rosy-crimson spots. 18 cts. each; $1.50 per doz.; $10.00 per 100.

**Speciosum Magnificum.** Rich, deep red. 20 cts. each; $1.75 per doz.; $12.00 per 100.

**Tigrinum Splendens** (*Tiger Lily*). Very large flowers; orange, spotted black. 10 cts. each; $1.00 per doz.; $6.00 per 100.

## LINUM (Flax).

**Flavum.** Bright yellow flowers from June to September; 1 foot.

**Perenne.** A desirable plant for the border or rockery, growing 18 inches high, with light, graceful foliage and large blue flowers all summer.

15 cts. each; $1.50 per doz.; $10.00 per 100.

## LOTUS (Bird's Foot Trefoil).

**Corniculatus fl. pl** A pretty procumbent plant for the rockery, with attractive foliage and double yellow flowers in summer. 25 cts. each; $2.50 per doz.

## LUPINUS (Lupine).

**Polphyllus.** An effective plant, producing large spikes of blue flowers. Mrs. Ely says of it: "May be planted either in the autumn or early spring. These plants bloom from about the 20th of May for three weeks and grow about 3 feet high. Being perfectly hardy and free from attacks of insects, they are especially valuable. They require only well-prepared garden soil and to be kept watered in dry weather, which should always be done if possible late in the afternoon." 15 cts. each; $1 50 per doz.; $10 00 per 100.

**— Roseus.** A very pretty variety with rosy-pink flowers. 25 cts. each; $2.50 per doz.

PAEONIES, the "Queen of Spring Flowers," is one of our specialties. See offer on pages 229 and 230

## LYCHNIS (Campion).

All of the Lychnis are of the easiest culture, thriving in any soil, and this, in addition to their brightness, has brought them into high favor with lovers of hardy plants. Perhaps no class of plants has more common or popular names than the various varieties of Lychnis, of which the following is but a partial list: Campion, Devil's Flower, Gardener's Delight, Gardener's Eye, Jerusalem Cross, Lamp Flower, Maltese Cross, None Such, Ragged Robin, etc. L. Chalcedonica is also called London Pride in some of the Eastern States; this name, however, belongs to Saxifraga Umbrosa.

**Chalcedonica.** A most desirable plant, heads of brilliant orange-scarlet, grows 2 to 3 feet high and blooms all summer. (See cut.)

**Chalcedonica Fl. Pl.** A double-flowering form, producing immense heads of vermilion-scarlet flowers, far exceeding in brilliancy the brightest Geraniums; 2 to 3 feet high, flowering from July to September. A gem for cutting, and one of the showiest border plants. 25 cts. each; $2.50 per doz.

**— Alba.** White-flowered.

**— Carnea.** A pale pink variety.

**Haageana.** Brilliant orange-scarlet flowers in May and June; 12 inches.

**Semperflorens Plenissima.** A pretty variety, bearing on spikes a foot long tender rose-colored flowers; blooms all summer.

**Vespertina, Double White.** Large, double white flowers, produced in the greatest profusion the entire summer; 18 inches high. 25 cts. each; $2.50 per doz.

**Viscaria, Double Red.** Forms a dense tuft of evergreen foliage, and in June sends up spikes of handsome, double, deep red, fragrant flowers, remaining in perfection for six weeks.

**Price,** except where noted, 15 cts. each; $1.50 per doz.; set of 8 varieties for $1.25.

Lychnis Chalcedonica.

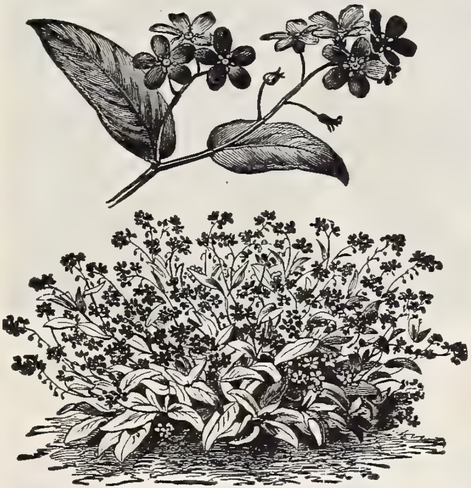
## LYTHRUM.

**Roseum Superbum** (*Rose Loose-strife*). A strong-growing plant, 3 to 4 feet high, thriving in almost any position, producing large spikes of rose-colored flowers from July to September. 15 cts. each; $1.50 per doz.; $10.00 per 100.

**Virgatum.** Grows 2 to 3 feet high, with erect stems and bright rosy-purple flowers in summer. 25 cts. each; $2.50 per doz.

## MARSHALLIA.

**Trinervis.** A useful plant for a shady, damp spot, of neat habit, about 15 inches high, bearing freely from June to August heads of white flowers, tinted flesh. 25 cts. each; $2.50 per doz.



Myosotis (Forget-Me-Not).

Monarda Didyma Splendens.

## MENTHA (Mint).

**Rotundifolia Variegata.** Foliage dark green with creamy-white variegation. 10 cts. each; $1.00 per doz.; $6.00 per 100.

*For Peppermint, Spearmint and Pennyroyal see under Vegetable Plants.*

## MERTENSIA (Blue Bells).

**Virginica.** An early spring-flowering plant, growing about 1 to 1½ feet high, with drooping panicles of handsome light blue flowers, fading to clear pink; one of the most interesting of our native spring flowers; May and June. 15 cts. each; $1.50 per doz.

## MONARDA (Bergamot).

Showy plants, growing from 2 to 3 feet high, succeeding in any soil or position, with aromatic foliage, and producing their bright flowers during July and August.

**Didyma** (*Oswego Tea*). Flowers bright scarlet.

**— Cambridge Scarlet.** Brilliant crimson-scarlet.

**— Rosea** (*Bee Balm*). A pretty rose-colored form.

**— Splendens.** Intense rich crimson-scarlet. (See cut.)

**Fistulosa Alba** (*Wild Bergamot*). A showy white-flowered variety.

15 cts. each; $1.50 per doz.; $8.00 per 100. The set of 5 varieties, 65 cts.

## MYOSOTIS (Forget-Me-Not).

**Palustris Semperflorens.** A variety that is hardly ever out of flower; useful in a shady spot in the border and for forcing for cut flowers in the winter.

**Alpestris robusta grandiflora.** The large spring-flowering Forget-Me-Not, with intense sky-blue flowers; bright and attractive.

10 cts. each; $1.00 per doz.; $6.00 per 100.

**HARDY PHLOXES are one of the features of our establishment. See pages 231 to 233.**

## MONTBRETIAS.

The Montbretias are one of the brightest of our summer-flowering bulbs, and deserve to be planted extensively. The bulbs should be set out during April or May, 3 to 6 inches apart in clumps of a dozen or more. They should be protected during the winter with a heavy covering of leaves or litter.

**Aurantiaca.** A fine deep orange.

**Crocosmiæflora.** Deep golden orange; fine.

**Etoile de Feu** (*Star of Fire*). Bright vermilion; yellow centre.

**Germania.** Rich, glowing orange-scarlet, with blood-red throat.

**Rayon d'Or.** Yellow and brown.

**Speciosa.** A splendid golden yellow.

30 cts. per doz.; $2.25 per 100. Six each of the six varieties for 75 cts.

MONTBRETIA GERMANIA.

## NIEREMBERGIA (Cup-flower).

**Rivularis.** A charming dwarf creeping Alpine plant, bearing large creamy-white, cup-shaped flowers from June till September; most desirable plants for the rockery, and succeeds equally well in the border. 15 cts. each; $1.50 per doz.

## ŒNOTHERA (Evening Primrose).

The Evening Primroses are elegant subjects for growing in an exposed, sunny position, either in the border or on the rockery, blooming the entire summer.

**Cæspitosa.** Large, pure white, changing to rose; 1 foot.

**Fraseri.** Beautiful rich yellow; 1½ feet.

**Missouriensis.** Large golden yellow; 1 foot.

**Pilgrimi.** Large clusters of bright yellow flowers.

**Speciosa.** A rare, pure white variety, with flowers 3 inches across; 18 inches.

**— Hybrida.** Similar to the above, but with showy rose-colored flowers.

**Youngi.** Bright yellow; 1½ feet.

15 cts. each; $1.50 per doz.; $10.00 per 100. Set 7 varieties for 80 cts.

## ONONIS (Rest Harrow).

**Hircina.** An interesting border or rock plant, producing from May to July rose and white pea-shaped blossoms; 1½ ft. 25 cts. each; $2.50 per doz.

NIEREMBERGIA RIVULARIS.

## ONOPORDON.

(Cotton Thistle.)

**Tauricum.** A majestic plant with silvery leaves; these as well as the stems being covered with white down; large purple thistles in June and July; 4 feet. 25 cts. each; $2.50 per doz.

## OROBUS (Bitter Vetch).

Little known spring-flowering plants, well worthy of extended cultivation and succeeding in any soil or position. They are excellent subjects either for the border or rockery, forming erect, shapely plants a foot high, covered during May and June with pea-shaped flowers.

**Albus Roseus.** A new variety, of dainty coloring, being pure white delicately mottled with rose; entirely distinct. 50 cts. each.

**Superbus.** Bright mauve color. 25 cts. each; $2.50 per doz.

**Vernus.** Purple, veined with red. 25 cts. each; $2.50 per doz.

PARDANTHUS (Blackberry Lily).

## HARDY ORCHIDS.

There is a wealth of beauty in this little cultivated class of plants. The sorts offered below are quite hardy, and succeed best in a partially shaded position in a deep, moist soil composed of equal parts of loam, leaf-mould and sand.

**Cypripedium acaule** (*Lady's Slipper*). Broad, oval foliage, and showy, bright pink, lighter veined, curiously-formed flowers. 25 cts. each.

**— pubescens** (*Yellow Lady's Slipper*). Large, showy, bright yellow. 25 cts. each.

**— spectabile** (*Moccasin-Flower, or Showy Lady Slipper*). Clusters of beautiful white and pink flowers. 50 cts. each.

## PARDANTHUS (Blackberry Lily).

**Sinensis.** Lily-like flowers of bright orange during July and August, on 2½ feet high stems, followed in September with seeds which resemble blackberries; will grow and do well in any soil in a sunny location. 10 cts. each; $1.00 per doz.; $8.00 per 100.

# DREER'S FRAGRANT PÆONIES.

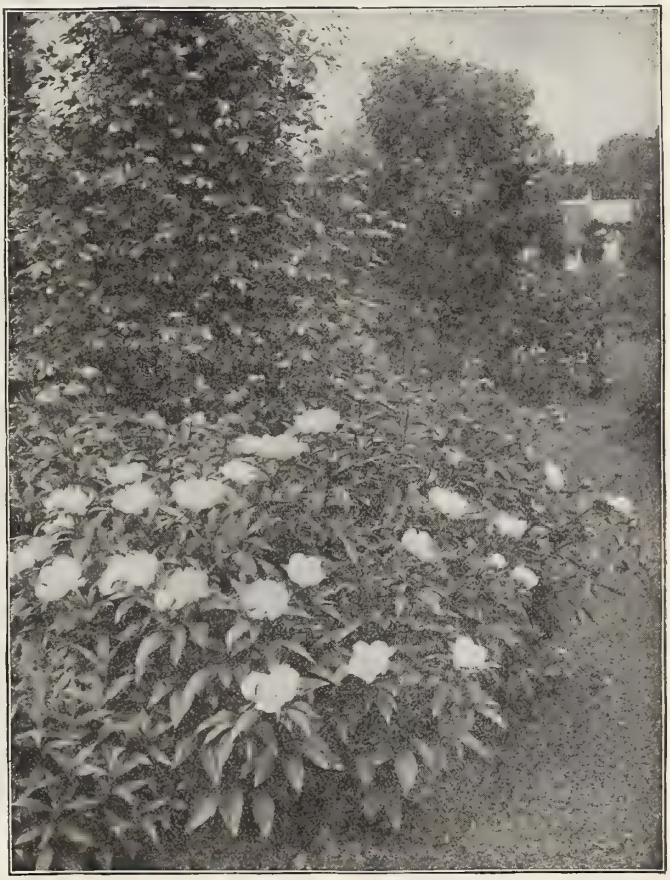
The old-fashioned Pæony officinalis of our grandmother's garden, while still popular because of their early flowering, have been eclipsed by the wonderful improved sorts introduced in recent years. They are the "Queen of Spring Flowers," and are well adapted for massing in beds, and particularly valuable for planting in groups throughout the perennial or shrubbery border, where their brilliant hues add attraction to all around. Their requirements are so simple—a good, rich, deep soil, and an open, sunny position, which, however, is not absolutely necessary, as they thrive almost equally as well in a partly shaded position, and a liberal supply of water during their growing season being sufficient to give an abundance and wealth of flowers, which rival the finest Roses in coloring and fragrance, and produce during their flowering season a gorgeous effect not equalled by any other flower. They are perfectly hardy, requiring no protection whatever, even in the most severe climate, are not troubled with insect pests or disease of any kind, and once planted take care of themselves, increasing in beauty each year.

An important point to observe in the planting of Herbaceous Pæonies is not to plant too deep. The roots should be placed so that the crowns are covered with 2 inches of soil. Too deep planting is a frequent cause of shy flowering.

### TWELVE SUPERB

## Double Herbaceous Pæonies.

**Charlemagne.** Large rose tinted white flowers.
**Comte de Diesbach.** Aniline red with lighter shadings; narrow centre petals.
**Couronne d'Or.** One of the finest late-flowering white varieties. 75 cts. each; $7.50 per doz.
**Duke of Wellington.** Well formed blooms, sulphur white; fragrant.
**Francois Ortegat.** Brilliant crimson, full, double.
**La Tulipe.** Very large pale lilac, almost white; a pleasing shade.
**Marie Lemoine** (Lemoine's). Extra large free-flowering, ivory white. 60 cts. each; $6.00 per doz.
**Mme. Calot.** Large pale hydrangea-pink, with darker shadings in centre; early.
**Mme. Crousse.** Purest white; very large.
**Mme. de Verneville.** Sulphur white, with carmine-tipped centre petals.



Hardy Herbaceous Pæonies.

**Mme. Forel.** Bright deep pink shading lighter towards the border.
**Reine des Roses.** Soft violet-rose, with lighter markings in centre petals; large, well built flower.

**Price:** Any of the above, except where noted, 50 cts. each; $5.00 per doz. One each of the 12 varieties, $5.00.

## STANDARD VARIETIES DOUBLE HERBACEOUS PÆONIES.

**Agnes Marie Kelway.** Rosy white guard petals, creamy white centre.
**Achille.** Soft mauve rose, changing to almost pure white.
**Andre Lauries.** A fine tyrian rose, late.
**Baroness Rothschild.** Violet-rose, shaded lighter.
**Candidissima.** Full double pure white, early.
**Chrysanthemiflora Rosea.** A fine large deep rose-pink with paler shadings in the centre. A fine cut flower.
**Canary.** Guard petals white, centre yellowish, changing to pure white.
**Duc de Cazes.** Guard petals tyrian rose, centre soft rose.
**Duchess de Nemours.** Pure white, sulphur shadings.
**Delachei.** Brilliant crimson maroon, late.
**Edulis Superba.** Violet rose guard petals, centre mauve-rose with lighter edges.
**Festiva Maxima.** Pure white, centre petals occasionally tipped red. The most popular white for cutting.
**Grandiflora rosea.** Bright pink, shaded salmon.
**Grandiflora Carnea Plena.** Lilac white, very early.
**Humei.** Beautiful rose pink.
**Humei Rosea.** Beautiful pale rose, late.
**Lady Bramwell.** A beautiful silvery-rose of fine form.
**Louis van Houtte.** Brilliant crimson maroon, of good size.
**Paganini.** Light solferino-red with lighter centre.
**Pomponia.** Rosy mauve guard petals, primrose yellow centre, changing to creamy white.
**Queen Victoria.** A good early white.
**Reine des Fleurs.** Violet rose, lighter markings.
**Victoria Tricolor.** Guard petals delicate lilac rose, centre light salmon yellow.
**Victoire Modeste.** Bright lilac rose with full centre of amber white.
**Zoe Calot.** White suffused with delicate rose.

**Price:** Any of the above standard sorts, 25 cts. each; $2.50 per doz.; $18.00 per 100. Set of 25 varieties for $5.00.

## PÆONIA TENUIFOLIA FL. PL.

Interesting and handsome, not only on account of their rich crimson double flowers, which resemble in color the Gen. Jacqueminot Rose, but the fine, feathery foliage makes a handsome ornamental plant. 30 cts. each; $3.00 per doz.

## PÆONIA OFFICINALIS.

This type is the real old-fashioned "Pæony," and comes into bloom from ten days to two weeks ahead of the above sorts. All are strong growers, with large, full, double, fragrant flowers.

**Alba.** Blush-white. **Rosea.** Rose. **Rubra.** Crimson.
30 cts. each; $3.00 per doz. One each for 75 cts.

**SINGLE JAPANESE and TREE PAEONIES are offered on page 230.**

SINGLE JAPANESE PÆONY.

## DOUBLE TREE PÆONIES.

The Tree Pæonies (*P. Moutan*) differ from the herbaceous varieties in their growth, which is in the form of a dwarf shrub; they are equally free-flowering, and commence blooming about three weeks earlier than the double herbaceous sorts, and while also perfectly hardy they are benefited by slight protection through the winter. The varieties enumerated below have been selected from a large collection, and will be found very interesting.

**Bijou de Chusan.** White, delicately suffused with blush, of graceful form.

**Caroline d'Italie.** Large cup-shaped double flower, soft salmon rose with cream centre.

**Comtesse de Tudor.** Large double bright salmon with satiny white border.

**De Bugny.** Semi-double, bright salmon with satiny white border.

**Grand Duc de Bade.** Rose lilac.

**Jeanne d'Arc.** Delicate rose with silvery sheen; a fine large flower.

**La Ville de St. Dennis.** An immense flower, white with lilac sheen.

**Louise Mouchelet.** Very large and double silvery rose.

**Mme. Stuart Low.** A large semi-double salmon rose with silvery reflex.

**Maxima Plena.** Cup-shaped semi-double of immense size, white with violet red shaded centre.

**Queen of the Belgiums.** Blush shading to a salmon rose.

**Reine Elizabeth.** Rose color, very large.

**Remembrance of Downing.** Silvery pink, semi-double fringed flower.

**Roseolens Odorata.** Very large, delicate salmon-rose with lighter centre.

**Souv. de Ducher.** Globular flower, deep violet-red with magenta reflex.

**Souv. d'Etienne Mechin.** Rich rose color with silvery reflex, semi-double flower of good form.

Strong plants, $1.00 each. Set of 16 varieties, $14.00.

In addition to the above, we offer this season a limited quantity of the following five sorts in Extra Strong 5 and 6 year old well-grown plants, suitable for immediate effect:

**Athlete.** Large and double, rosy mauve, very vigorous.

**Asa Gray.** Rosy carmine, shaded pink.

**Mme. Stuart Low.** Semi-double salmon rose with silvery reflex.

**Mme. de Vatry,** Enormous globular flowers, bright lilac-rose of satiny texture.

**Reine Elizabeth.** Rose color, very large.

**Price:** Any of the above 5 sorts, extra strong plants, $2.00 each.

## JAPANESE SINGLE PÆONIES.

Few plants can vie with the Single Pæony for beauty, and an established bed, when in full bloom, with the large, silky flowers, is simply gorgeous.

**Dogrose.** Lilac with solferino shadings.

**Dragon.** Very large dark crimson.

**Mikado.** Deep lilac rose, silvery markings.

75 cts. each; $7.50 per doz. Set of 3 for $2.00.

## PACHYSANDRA.

**Terminalis.** A trailing plant, 6 to 8 inches high, forming broad mats of bright, glossy green foliage and small spikes of flowers during May and June, invaluable as a cover plant either in sun or shade.

**— Variegata.** A variegated-leaved form of the above.

15 cts. each; $1.50 per doz.; $10.00 per 100.

## PENTSTEMON (Beard Tongue).

Most useful showy perennials, either for the border or rockery. With the exception of Sensation, they are perfectly hardy.

**Gloxinioides "Sensation."** A beautiful strain, bearing spikes of large Gloxinia-like flowers in a great variety of bright colors, including rose, cherry, crimson, purple, lilac, etc. The plants grow 2½ feet high, and bloom from early summer till frost. For bedding they rival Phloxes, Petunias, etc. Should be given some protection in winter. (See cut.)

**Barbatus Torreyii.** Spikes of brilliant scarlet flowers; height 3 to 4 feet; June to August.

**Diffusus.** Violet-blue flowers; June and July; 2 feet.

**Digitalis.** Large spikes of long, purple-white flowers, with purple throats, during June and July; 2 to 3 feet.

**Glaber.** A trailing species, about 2 feet high, bearing in early summer showy flowers, varying from light to dark blue.

**Grandiflorum.** Large, bright, purplish-blue flowers, produced very freely during the spring months; 2½ feet.

**Heterophyllus.** Lovely azure-blue flowers in summer; 2 feet.

**Ovatus.** Bright blue shaded bronzy-purple; July to September; 2 feet.

**Pubescens.** Bright rosy-purple; July and August; 1½ feet.

**Smalli.** Rosy-carmine flowers in early summer; 1 foot.

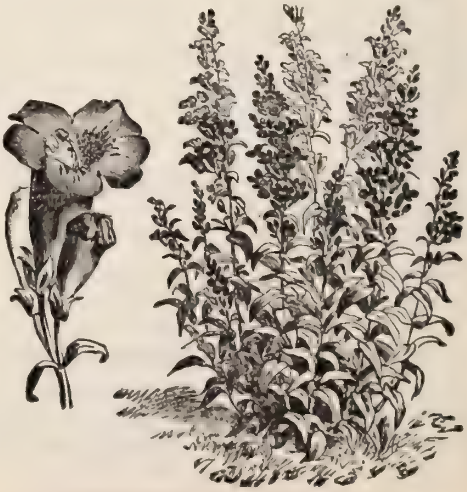
15 cts. each; $1.50 per doz.; $10.00 per 100.

Set of 10 sorts, $1.25.

## PETASITES.

**Japonicus giganetus** (*Japanese Coltsfoot*). An interesting plant, which in Japan attains a height of 4 to 5 feet, with gigantic leaves, which are cut and used by the natives as temporary umbrellas; should be planted in low, moist ground. 25 cts. each; $2.50 per doz.

**Fragrans** (*Winter Heliotrope*). Grows about 1 foot high, and produces frequently as early as the middle of March, numerous spikes of strongly heliotrope-scented flowers. An interesting plant for low, moist ground. 15 cts. each; $1.50 per doz.



PENTSTEMON GLOXINIOIDES "SENSATION."

**HEMEROCALLIS and HOLLYHOCKS are shown on the plate opposite pages 222 and 223.**

# DREER'S
# Superb Hardy Phlox.

Hardy Phlox, Mrs. Jenkins.

Among the hardy perennial plants no class is of more importance than the Phloxes, succeeding in almost any soil and position, and flowering through a long season; and while they will continue in good condition and flower freely for many years without attention, yet they respond quickly to and are improved by liberal cultivation. Those who wish to grow Phloxes to the greatest perfection would do well to follow the directions given below, written especially for this book by Mrs. Ely, the author of the celebrated book, "A Woman's Hardy Garden:"

"Probably the most satisfactory of all perennials is the Phlox, and a good space in proportion to the size of the garden should always be given to these plants.

If the early and late varieties are chosen, and the heads of bloom are cut off as soon as the blossoms have faded, the Phlox should blossom from the middle of June until ice has formed.

The ground where Phlox is to be planted should be trenched fully two feet in depth, and a foot of well-decomposed manure placed in the bottom of the trench, which should then be filled very full with alternate layers of a few inches each of good top soil and manure.

Phlox may be planted in the autumn, from the 1st to the 15th of October, so that it may become well rooted before winter, otherwise it should be set out as soon as the frost leaves the ground in the spring, as growth begins very early.

Whether planted in spring or fall, a mulch of old manure thrown around the roots will be of benefit to the plants.

Phlox should be set out eighteen inches apart, and if kept well watered will produce both individual blossoms and heads of bloom far larger than otherwise, and amply repay the extra trouble.

In October, after three seasons of flowering, the Phlox should be lifted, the ground again trenched and enriched as before, the plants separated into bunches of three or four stalks each, and then reset.

Occasionally in warm, moist summers, Phlox is attacked by mildew. But if, upon the first sign of its appearance, the leaves of the plants are well sprinkled and afterwards plentifully dusted with powdered sulphur, the disease will be arrested. In November, after the stalks of the Phlox have been cut, a litter of leaves may be spread over the plants for winter protection.

The best effects to be had with Phlox are produced by planting masses of each color, not less than six and even as many as two dozen or more plants of one color together. For example, a border of Phlox may be planted, beginning with palest pink and shading up to dark cherry, then pure white, and white with a red eye, and more white, then a quantity of Coquelicot, the most brilliant of all, and again white at the end. If in another border the shades of purple are planted with occasional bunches of white, the Phlox will be the pride of the garden."

## DREER'S "BEST DOZEN" OF HARDY PHLOXES.

We are growing this season nearly half a million plants of Hardy Phloxes in over one hundred varieties, and while all of the sorts offered on the next page are well worth growing, we realize that the average amateur only wishes a limited number of sorts, but wants these to be the best. It is to meet this want that we offer below what we consider to be the best dozen, each one of which is a strong grower, with immense panicles of large individual blooms, pure in color and strictly first-class in every way:

**Bacchante.** Tyrian rose with crimson-carmine eye.

**Bridesmaid.** Pure white, with large crimson-carmine eye.

**Geo. A. Strohlein.** Bright scarlet, with crimson-red eye. A large flower; color does not bleach in the sun.

**Henry Murger.** White, with crimson-carmine centre; a beautiful variety.

**Jules Cambon.** Brilliant reddish-purple, with exceptionally large, pure white centre.

**Le Mahdi.** Deep reddish-violet, with deeper eye.

**Mme. Paul Dutrie.** Delicate lilac-rose in shade like a soft pink Orchid; flowers very large, borne in immense panicles.

**Mrs. Jenkins.** The best white for massing; immense panicles; early and free bloomer.

**R. P. Struthers.** Bright rosy-carmine, with claret-red eye.

**Selma.** A pretty, delicate, soft pale rose, with distinct red eye.

**Siebold.** An improvement on the popular scarlet "Coquelicot," brighter in color and stronger.

**Von Hochberg.** The ideal crimson-purple, the richest of its color.

**Price,** 20 cts. each; $2.00 per doz.; $15.00 per 100. One each of the "Best Dozen" for $2.00.

**FOR GENERAL COLLECTION AND OTHER HARDY PHLOX see next page.**

# DREER'S
## Superb Hardy Phloxes.

*(Continued.)*

### THREE FINE NEW HARDY PHLOX.

Out of the many new varieties we have had on trial during the past two years we have selected the following three sorts as being not only the best of their respective colors but also as superior in every way to previous introductions.

**Elizabeth Campbell.** Very bright salmon-pink, with lighter shadings and dark red eye; an entirely new shade.

**Frau Anton Buchner.** The finest white yet introduced, having the largest truss and individual flower; dwarf.

**Rosenberg.** Bright reddish-violet with blood-red eye, individual flowers as large as a silver dollar.

**Price.** 30 cts. each; $3.00 per doz. Set of 3 sorts, 85 cts.

### GENERAL COLLECTION OF HARDY PHLOX.

**Albion.** A strong, vigorous grower, producing very large panicles of pure white flowers, with a faint red eye.

**Aglae Adanson.** Immense flowers, snow-white with red eye.

**Antonin Mercie.** Light ground color, one-half of each petal suffused bluish-lilac.

**Beranger.** Ground color white, delicately suffused with rosy-pink and distinct amaranth red eye.

**B. Comte.** A glowing reddish or French purple.
**Belle Alliance.** White, with pure red eye.
**Chas. Sellier.** Bright reddish-violet, with white centre.
**Clara Benz.** Lovely carmine-rose, with deeper eye.
**Colibri.** White, with crimson-carmine centre; very late.
**Consul H. Trost.** Pure red, with bright French-purple eye.
**Champs Elysee.** A bright rosy-magenta, very effective.
**Coquelicot.** A fine pure scarlet, with crimson eye.
**Caran d'Ache.** Geranium-red, with old rose shadings and white eye.
**De Miribel.** White, suffused with rosy-scarlet; crimson eye.
**Diadem.** A fine dwarf, pure white.
**Danton.** Scarlet, with pure red eye.
**Etna.** Crimson-red, suffused with fiery-red.
**Edmond Rostand.** Reddish-violet, shading brighter towards the centre of petals; large white star-shaped centre.
**Eugene Danzenvillier.** Lilac, shading white at the edges.
**Edmond Boissier.** Bright reddish-violet with large white halo
**Eclaireur.** Brilliant rosy-magenta, with large lighter halo.
**Frau Dora Umgeller.** Very rich, deep rosy-red.
**Gruppenkonigin.** Delicate pale rose-mauve, claret-red eye.
**General Giovaninelli.** Bright tyrian-rose; red eye.
**General van Heutsz.** Brilliant salmon-red, with white centre.
**Hermine.** The dwarfest variety, 10 inches in height, pure white flowers of good size; early; unequalled for bordering.
**Helena Vacaresco.** A free large-flowering, dwarf white.
**H. O Wijers.** Pure white, with crimson-carmine eye.
**Henry Marcel.** Pure red, with bright salmon shading.
**Henry Royer.** Tyrian-rose with lighter shadings; dwarf.

Early-Flowering Hardy Phlox.

**Jeanne d'Arc.** A good late-flowering pure white.
**Louis Blanc.** Reddish-violet, with purple shadings.
**La Vague.** Pure mauve, with aniline-red eye.
**La Foudre.** Rich glowing French-purple, shaded crimson.
**Louise Abbema.** Very large dwarf, pure white.
**Le Prophete.** Bright violet-rose, bright rose eye.
**Mozart.** Ground color white, suffused with salmon, red eye.
**Obergartner Wittig.** Bright magenta, with crimson-carmine eye; large flowers and truss; the best of its type.
**Pecheur d'Islande.** Crimson-red, suffused with cochineal-red and carmine-red eye.
**Prof. Virchow.** Bright carmine, overlaid with orange-scarlet.
**Pantheon.** Bright carmine-rose; very effective
**Prosper Henry.** Large compact truss of pure white, with bright crimson-carmine centre; dwarf.
**Pacha.** Deep pink, suffused with red; carmine eye.
**Sunshine.** Aniline-red, with crimson eye and light halo.
**Sarabande.** Reddish-violet, with lighter shadings.
**Von Goethe.** Tyrian-rose, suffused with carmine-lake.
**Von Lassburg.** Purest white, individual flowers very large.
**Vesuvius.** Pure red, with bright purple eye; a dazzling color.

**Price.** Any of the varieties in the General Collection, 15 cts each; $1.50 per doz.; $10.00 per 100.

Collection of 63 varieties, including the Best Dozen offered on page 231 and 3 new sorts, for $6.50.

### EARLY FLOWERING HARDY PHLOXES (**Phlox Suffructicosa**).

While this type does not contain the rich colors which are a feature of the other well-known sorts, it is invaluable on account of coming into bloom in May, or fully six weeks earlier than the others, and continuing throughout the season.

**Clouded Gem.** White, suffused with rose.
**Hercules.** Bright rosy-lilac.
**Mrs. Dalrymple.** White, shaded rose; scarlet eye.
**Miss Lingard.** A grand white variety; lilac eye; large individual florets.
**White Swan.** Very fine, pure white.

**Price.** 20 cts. each; $2.00 per doz; $15.00 per 100.

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**Dreer's "Best Dozen" of Hardy Phloxes offered on page 231 are Matchless.**

## Phlox Subulata (Moss, or Mountain Pink).

An early spring-flowering type, with pretty moss-like evergreen foliage, which, during the flowering season, is hidden under the masses of bloom. An excellent plant for the rockery, the border, and invaluable for carpeting the ground or covering graves.

**Alba.** Pure white.
**Atropurpurea.** Purplish-rose.
**Bridesmaid.** Purplish-tinted white.
**Lilacina.** Light lilac.
**Nelsoni.** Pure white.
**Rosea.** Bright rose.

10 cts. each; $1.00 per doz.; $6.00 per 100. Set of 6 for 50 cts.

## VARIOUS PHLOXES.

**Amœna.** This is one of the best varieties for carpeting the ground, the rockery or the border; it grows but 4 inches high, and in spring is a sheet of rich, bright pink flowers. 10 cts. each; $1.00 per doz.; $6.00 per 100.

**Divaricata Canadensis.** One of our native species, which is worthy of extensive planting, commencing to bloom early in April, and continuing through May, with large, fragrant lavender flowers on stems 10 inches high. (See cut.) 15 cts. each; $1.50 per doz.; $10.00 per 100.

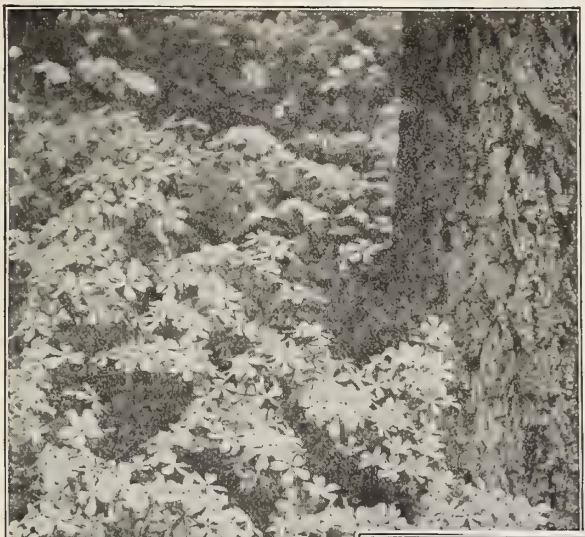
**Ovata Carolina** (*Mountain Phlox*). Grows 12 to-15 inches high, and bears masses of reddish-pink flowers in May and June. 15 cts. each; $1.50 per doz.

**Maculata.** A native species, growing 1½ to 2 feet high, of neat habit; producing during May and June good-sized heads of purplish-rose flowers. 15 cts. each; $1.50 per doz.

## PHYSALIS.

(Chinese Lantern Plant.)

**Francheti.** An ornamental variety of the Winter Cherry, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet lantern-like fruits; highly interesting. 15 cts. each; $1.50 per doz.



Phlox Divaricata Canadensis.

## HARDY GARDEN PINKS.

Old favorites, bearing their sweet clove-scented flowers in the greatest profusion during May and June. They are indispensable for the edge of the hardy border and for cutting; 1 foot.

**Comet.** Bright rosy-crimson.
**Diamond.** A fine extra early, fringed white.
**Elsie.** Bright rose, maroon centre.
**Excelsior.** Light rose-pink, shaded darker.
**Her Majesty.** Large flowers of purest white.
**Homer.** Rosy-red with dark centre.
**Juliette.** White, laced crimson.
**Marion.** Bright rose-pink.
**Snow.** A fine pure white.
**Souv. de Salle.** Soft rosy-red.
**Stanislaus.** Violet-rose, with deep crimson centre.
**White Reserve.** An everblooming pure white.

15 cts. each; $1.50 per doz. Set of 12 sorts, $1.50.

Physostegia.

## PHYSOSTEGIA.

(False Dragon-Head.)

One of the most beautiful of our mid-summer-flowering perennials, forming dense bushes 3 to 4 feet high, bearing spikes of delicate tubular flowers not unlike a gigantic heather. (See cut.)

**Virginica.** Bright but soft pink.
**— alba.** Pure white, very fine.
**— Speciosa.** Very delicate pink.

15 cts. each; $1.50 per doz.; $10.00 per 100.

Hardy Garden Pinks.

**DAY LILIES and HOLLYHOCKS should be in every garden. See plates and offer on pages 222 and 223.**

POLEMONIUM.

## PLATYCODON.

**(Balloon Flower, or Japanese Bell-flower.)**

The Platycodons are closely allied to the Campanulas, and form neat, branched bushes of upright habit.

Mrs. Ely says of them: "Do best if planted in early spring. They grow from 2 to feet high, and after the third season each plant will have from ten to twelve stalks covered with the lovely blue blossoms for nearly a month, beginning about July 10th. They are also free from attacks of insects, and if planted in good soil, and well covered in late autumn with a litter of leaves or stable manure, will be found to be quite hardy.

**Grandiflorum.** Deep blue cupped, star-shaped flowers, 1½ feet.

**— Album.** A white-flowered form of the above.

**Mariesi.** Deep blue bell-shaped flowers, nearly 3 inches across on 1-foot-high plants.

15 cts. each; $1.50 per doz.; $10.00 per 100.

## PLUMBAGO (Lead-wort).

**Larpentæ.** Of dwarf, spreading habit, growing 4 to 6 inches high, useful as an edging plant or for the rockery; covered with beautiful deep blue flowers during the summer and fall months. 15 cts. each; $1.50 per doz.; $10.00 per 100.

## PODOPHYLLUM.

**Peltatum** (*May Apple or Mandrake*). A well-known native plant, which is worthy of a place in every shady border. 10 cts. each; $1.00 per doz.

## POLYGONATUM (Solomon's Seal).

**Majus.** Exceedingly ornamental both in foliage and flower; grows 3 feet high and bears pendant, creamy-white flowers in May and June. Should be grown in a shady or half-shady place for best results.

15 cts. each; $1.50 per doz.; $10.00 per 100.

## POLEMONIUM (Jacob's Ladder).

Useful border plants about 12 inches high, succeeding best in a partially-shaded position, deep green finely cut foliage and spikes of showy flowers.

**Reptans.** Of graceful growth; showy blue flowers in May and June.

**Richardsonii.** Sky-blue flowers, with golden anthers; June-July.

**— alba.** A white-flowered form of the above.

15 cts. each; $1.50 per doz.; $10.00 per 100.

## POLYGONUM (Knot-weed).

**Compactum.** Grows about 15 inches high, and during August and September the entire plant appears as a foamy mass of white flowers.

**Cuspidatum** (*Giant Knot-weed*). Attains a height of 5 to 7 feet, and in fall produces long, drooping clusters of white flowers at the axil of each leaf; a striking plant for the shrubbery or as an isolated specimen.

**Brunonis.** A fine plant for the rockery or border, with spikes of bright rose-colored flowers; July to September; 1 foot.

15 cts. each; $1.50 per doz.; $10.00 per 100.

PLATYCODON.

## POTENTILLA.

(Cinquifoil.)

Charming plants for the border, with brilliant flowers that are produced from June to August in profusion; succeed in any soil; 18 inches.

**Formosa.** Single, rosy-red.

**MacNabiana.** Rich crimson; double.

**Perfecta.** Vermilion, lemon centre; double.

**Plantii.** Large single red and yellow flowers.

**Pyrenaica.** A pretty single golden yellow.

**Sanguinea.** Single, dark crimson.

**Striatissima.** Double scarlet with yellow markings.

**Wm. Rollison.** Bright vermilion; double.

**Vulcan.** double, rich crimson.

15 cts. each; $1.50 per doz. Set of 9 for $1.00.

ICELAND POPPIES (offered on next page).

## ORIENTAL POPPIES.

(Papaver Orientale.)

These are the regal representatives of this popular genus, far surpassing in splendor of bloom all the annual and biennial kinds, and for a gorgeous display of rich and brilliant coloring nothing equals them during their period of flowering in May and June, and whether planted singly or in masses their large flowers and freedom of bloom render them conspicuous in any position. They are of the easiest culture; almost any kind of soil suits them, but they do best in deep, rich loam; set the plants out in fall or very early spring; give them water occasionally during dry spells in the early part of the season; mulch with stable litter in fall, and they will increase in size and floriferousness for several years. After flowering the plants die back, usually reappearing along in early September, or as soon as the weather gets cool. During this resting period care should be taken in cultivating the beds that the roots are not disturbed, any disturbance at this time usually resulting in failure. We offer the following distinct varieties:

**Goliath.** Fiery scarlet.
**Princess Louise.** Salmon-pink.
**Mahogany.** Dark crimson-maroon.
**Mrs. Perry.** Salmon-rose.
**Silberblick.** Bright salmon-red, with white spots.
**Trilby.** Brilliant red.

25 cts. each; $2.50 per doz. Set of 6 varieties, $1.25.

**Finest Mixed Varieties.** 15 cts. each; $1.50 per doz.; $10.00 per 100.

## ICELAND POPPIES.

(Papaver Nudicaule.)

The plant is of neat habit, forming a tuft of bright green fern-like foliage, from which spring, throughout the entire season, a profusion of slender leafless stems 1 foot high, each graced with charming cup-shaped flowers. We offer them in white, yellow, orange, scarlet, or in mixture. (See illustration on page 234.) 15 cts. each; $1.50 per doz.; $10.00 per 100.

Primula Veris Superba.

Oriental Poppy.

## PRIMULAS (Primrose).

The hardy primroses are among the most beautiful and interesting of our early spring flowers. Plant them in rich, well-drained soil, in the border or in a sheltered nook in the rockery; if possible, in a half-shady place.

**Acaulis Alba plena.** Very showy and useful; double white. 25 cts. each; $2.50 per doz.
**— Cœrulea.** A most novel variety, with deep purplish-blue flowers of large size; early and prolific. 25 cts. each; $2.50 per doz.
**— Croussei plena.** Distinct and pleasing shade of purplish-red. 25 cts. each; $2.50 per doz.
**Cashmeriana.** Deep lilac flowers, produced in dense, round heads, 1½ inches across, and enveloped in a white mealy powder. A most attractive and pretty species.
**— Alba.** A beautiful pure white.
**Veris** (*English Cowslip*). Plants grown from a select strain of seed, and embrace a fine range of colors. 10 cts. each; $1.00 per doz.; $8.00 per 100.
**Veris Superba.** A giant flowered form, producing individual flowers from 1 to 2 inches across; in color they are a bright canary-yellow with a golden centre; perfectly hardy, and when in flower present a sheet of bloom. 20 cts. each; $2.00 per doz.; $15.00 per 100.
**Vulgaris** (*English Primrose*). An old favorite, and should be found in every garden; one of the earliest spring flowers; of bright canary-yellow; very fragrant.

**Price,** except where noted, 15 cts. each; $1.50 per doz. Set of 8 Primroses, a fine collection, for $1.25.

## JAPANESE PRIMROSES (P. Cort. Sieboldii)

These are not so well known as they deserve; they are of free growth, with dark green foliage, and throw up in the late spring innumerable stems of large flowers, varying in color from pure white to rich crimson. They succeed under the same conditions as the common hardy Primroses, and are also useful for forcing under glass, making beautiful pot plants.

**Alba Magnifica.** Very fine large pure white.
**Elfe.** Fine-fringed delicate rose.
**Else Beyer.** Bright rose, lighter centre.
**Lilacina Marginata.** White suffused with mauve.
**Robert Herold.** Bright rosy-crimson, with white eye.
**Werner.** Tender rose, with white veins.

20 cts. each; $2.00 per doz. Set of 6 sorts for $1.00.

**We can supply seed of most of the Hardy Perennials. See Flower Seed Department, pages 58 to 126.**

## PRUNELLA.

**Grandiflora.** A low-growing plant, suitable for a shady spot on the rockery or border. Round heads of purple flowers all summer.

**Incisa.** Similar to the above, but with bright rosy-purple flowers.
25 cts. each; $2.50 per doz.

## PULMONARIA (Lungwort, Bethlehem Sage).

**Saccharata Maculata.** A beautiful plant, rivaling in the markings of its foliage many of the choicest hothouse plants; of easy culture, foliage deep green, handsomely mottled with silvery-grey, and terminal 1 foot high spikes of pink, changing to blue flowers during May and June. 25 cts. each; $2.50 per doz.; $15.00 per 100.

**Officinalis Rubra.** Interesting purplish-red flowers in April and May; 1 foot. 15 cts. each; $1.50 per doz.

## PYRETHRUM.

**Hybridum Fl. Pl.** Too much cannot be said in favor of this grand hardy perennial, which will thrive in any good garden soil where there is good drainage and full exposure to the sun. The main season of blooming is in June, but if the old flower stems are removed they will give a fair sprinkling of flowers in the autumn. Splendid for cutting, lasting a week in good condition.

Pyrethrum Hybridum Single.

**Alfred.** Rich crimson.

**Bridesmaid.** A fine large pure white.

**Ne-plus-ultra.** Blush-pink.
30 cts. each; $3.00 per doz. Set of 3 for 75 cts.

**Hybridum Single.** In choicest mixture. 15 cts. each; $1.50 per doz

**Uliginosum** (*Giant Daisy*). Grows 4 to 5 feet high, and is covered with large white daisy-like flowers 3 inches in diameter from July to September. 15 cts. each; $1.50 per doz.; $10.00 per 100.

Pyrethrum Uliginosum.

## REHMANNIA.

**Angulata.** A noble herbaceous perennial from Central China, with tufted leaves and graceful spikes of rose-colored flowers similar to a Foxglove; requires protection; 5 to 6 feet. 25 cts. each; $2.50 per doz.

## RANUNCULUS.

(Crow-Foot, Buttercup.)

**Aconitifolius Fl. Pl.** (*Fair Maids of France*). Forms a branching bush 2 feet high, flowers double, pure white, in May and June.

**Repens Fl. Pl.** (*Bachelor's Buttons*). A pretty double-flowering bright golden-yellow Buttercup. Bears masses of flowers during May and June.

**Speciosus Fl. Pl.** Large double-yellow flowers on stems a foot high; May and June.
15 cts. each; $1.50 per doz.

## RHEUM.

(Ornamental Rhubarb.)

**Palmatum Tanghuticum.** Majestic foliage which, with liberal treatment, will grow 5 to 6 feet high; an excellent subject for the wild garden, large border, or isolated clumps on the lawn. 25 cts. each; $2.50 per doz.

## RHEXIA (Meadow Beauty).

**Virginica.** A handsome dwarf plant, 9 inches, flowering the greater part of the summer, with numerous bright rosy-purple blossoms, and long, protruding golden anthers; grand for massing in a moist, sunny spot. 15 cts. each; $1.50 per doz.

## RODGERSIA.

**Podophylla.** A stately plant, both in foliage and flower; planted in rich, deep soil in a sunny situation, and liberally supplied with water, produces five lobed leaves, 2½ to 3 feet in diameter, at first bright green, changing to a metallic-brown hue; flowers white, not unlike a Spiræa, and borne in large, fluffy, feathery sprays in midsummer. 25 cts. each.

## ROMNEYA (California Tree or Matillia Poppy).

**Coulteri.** This beautiful Poppy, while hardy as far north as Philadelphia, should be planted in a well drained, sunny, sheltered position. It grows 5 to 6 feet high, and frequently has from 12 to 15 expanded flowers on a single shoot at one time. The flowers are white, 6 inches and over across, delicate and transparent, yet enduring in a good state for several days; delightfully fragrant. 75 cts. each.

Romneya Coulteri.

PHLOXES stand at the head of Hardy Perennials. Our collection is unequalled. See pages 231 to 233.

Rudbeckia "Golden Glow."

## RUDBECKIA.

(Cone-flower.)

Indispensable plants for the hardy border; grow and thrive anywhere, giving a wealth of bloom, which are well suited for cutting.

**Fulgida.** Brilliant orange-yellow flowers, produced in masses on much-branched plants, 2 feet high, from July to September.

**"Golden Glow."** We question if any one hardy perennial plant has ever met with greater popularity than this. It is a strong, robust grower, attaining a height of 5 to 6 feet, and produces masses of double golden yellow Cactus Dahlia-like flowers from July to September.

**Maxima.** A rare and attractive variety, growing 5 feet high, with large glaucous green leaves and bright yellow flowers 5 to 6 inches across, with a cone 2 inches high; flowers continuously from June to September. 25 cts. each; $2.50 per doz.

**Newmanii.** Dark orange-yellow flowers, with deep purple cone, borne on stiff, wiry stems 3 feet high; flowers from July to October.

**Nitida, "Autumn Sun."** An attractive single flowering variety, growing 5 to 6 feet high with long, broad petals of bright primrose yellow, August to October.

**Purpurea** (*Giant Purple Cone-Flower*). Flowers about four inches across, of a peculiar reddish-purple with a remarkably large, cone-shaped centre of brown; forms bushy plants 3 feet high, and blooms from July to October.

**"Rays of Gold."** A refined form of the popular "Golden Glow," the flowers having narrower petals, which are so arranged as to form a perfect globe.

**Sub-Tomentosa.** A pyramidal, densely-branched plant, 2½ feet high, which is completely enveloped throughout the summer in a mass of brilliant lemon-yellow flowers with dark purple centres.

**Price,** except where noted, 15 cts. each; $1.50 per doz. Set of 8 sorts for $1.00.

## ROSMARINUS (Rosemary).

**Officinalis.** An old favorite aromatic herb of neat habit of growth; requires protection. 15 cts. each; $1.50 per doz.

## SALVIA (Meadow Sage).

**Argentea.** Grown for its large, ornamental, silvery-white foliage; flowers white; in June; 2 feet.

**Azurea.** A Rocky Mountain species, grows 2 to 3 feet high. producing during August and September pretty sky-blue flowers in the greatest profusion.

**Pitcheri.** Similar to the above, but of more branching habit and larger flowers of a deeper blue color. 25 cts. each; $2.50 per doz.

**Pratensis.** Showy spikes, 2 to 3 feet high, of deep blue flowers, from June to September.

**Sclarea.** An interesting variety; flowers pale purple; lower lip white; June and July; 3 feet.

**Price,** except where noted, 15 cts. each; $1.50 per doz.; $10.00 per 100. Sets of 5 sorts for 75 cts.

## SANTOLINA (Lavender Cotton).

**Chamæcyparissus.** A dwarf evergreen perennial, with delicate silvery-white foliage, useful as a rock or border plant; also largely used in carpet bedding.

**Incana.** A variety of the above, with denser, shorter foliage.

10 cts. each; $1.00 per doz.; $6.00 per 100.

## SAPONARIA (Soap-Wort).

**Caucasica** (*Bouncing Bet*). White flowers, produced all summer and fall; 15 inches.

**Ocymoides.** Very showy rock plant, producing during summer months masses of small, bright rose flowers; 9 inches.

15 cts. each; $1.50 per doz.

## SATUREIA (Winter Savory).

**Montana.** A neat, dwarf evergreen, aromatic plant with slender, woody, very branching stems, 12 inches high, covered with showy white heather-like flowers in August and September. 25 cts. each; $2.50 per doz.

Rudbeckia Purpurea (Giant Purple Cone-flower).

Group of Saxifragas (Megaseas.)

## SAXIFRAGA.

(Megasea)

These will thrive in any kind of soil and in any position; grow about 1 foot high, and are admirable for the front of the border or shrubbery, forming masses of handsome, broad, deep green foliage, which alone renders them useful, while the pretty flowers, which appear very early in the spring, some almost as soon as the frost is out of the ground, make them doubly effective. (See cut.)

**Athlete.** Rich pink flowers.
**Brilliant.** Bright crimson-purple.
**Cordifolia.** Light pink.
**Orbiculare.** Deep rose.
**Purpurea.** Deep purple.
**Splendens.** Rosy crimson.

25 cts. each; $2.50 per doz.; $18.00 per 100. Set of 6 sorts, $1.25.

Saxifraga Pyramidalis.

## ALPINE SAXIFRAGAS.

The following varieties require a semi-shady position in well-drained ground or on the rockery.

**Peltata.** Suitable for growing in moist situations, with large shield-shaped leaves and clusters of light pink flowers on stiff, erect stems 3 feet high. 25 cts. each; $2.50 per doz.

**Pyramidalis.** Forms rosettes of narrow, silvery foliage; showy spikes 2 feet high of white flowers in May and June. 35 cts. each.

**Rhei Superba.** Forms a perfect bank of mossy growth 4 inches high, with deep rose flowers early in spring. 25 cts. each; $2.50 per doz.

**Sarmentosa** (*Aaron's Beard*). A trailing variety, with deep green foliage; prettily variegated with silvery-white; used in hanging-baskets, on the rockery, etc. 15 cts. each; $1.50 per doz.

**Umbrosa** (*London Pride, Nancy Pretty, or None-so-Pretty*). A low-growing, spreading sort, throwing up stems a foot high of white, sometimes suffused with red flowers. 25 cts. each; $2.50 per doz.

## SCUTELLARIA (Skull-cap).

Pretty trailing plants for the border or rockery, flowering during July and August.

**Cœlestina.** Light blue flowers.
**Macrantha.** Deep blue flowers.

25 cts. each; $2.50 per doz.

## SCABIOSA.

Handsome border plants, succeeding in any ordinary soil if well drained and in a sunny location, and should be grown in every garden where cut flowers are wanted; they last a long time when picked and placed in water.

**Caucasica** (*Blue Bonnet*). A soft and charming shade of lavender, and commences to bloom in June, throwing stems 15 to 18 inches high until September. (See illustration on page 239.)

**— Alba.** A pure white variety.

**Japonica.** Lavender-blue flowers 2 to 2½ inches across; very floriferous; in bloom from July to September; 2 feet. (See cut.)

**Ochroleuca.** Sulphur-yellow flowers; July to September; 2½ feet.

15 cts. each; $1.50 per doz.

## SEMPERVIVUM.

(House Leek.)

Peculiarly interesting plants for the rockery or for any exposed, well drained position. We can furnish six distinct varieties at 10 cts. each; $1.00 per doz. Set of 6 for 50 cts.

## SENECIO (Groundsel).

**Pulcher.** Forms a neat tuft of foliage, from which spring up, from July to October, a succession of 2 feet high stems, with clusters of brilliant rosy-purple flowers, of good size. Totally distinct from all other perennials, and should be largely planted. 25 cts. each; $2.50 per doz.

BOOKS ON HORTICULTURE.

A list of these will be found on the inside of back cover.

Scabiosa Japonica.

PAEONIES, the "Queen of Spring Flowers," is one of our specialties. See offer on pages 229 and 230.

## SEDUM (Stone-crop).

### DWARF VARIETIES.

Suitable for the rockery, carpet bedding, the covering of graves, etc.

**Acre** (*Golden Moss*). Much used for covering graves; foliage green, flowers bright yellow.

**Album.** Green foliage, white flowers.

**Kamtschaticum.** Deep green foliage; yellow flowers in June; 8 inches.

**— Variegatum.** A form of the above with foliage margined with creamy white.

**Lydium Glaucum.** A charming, neat variety, with glaucous foliage.

**Middendorfianum.** Narrow green foliage, sulphur-yellow flowers in summer.

**Obtusatum.** Round, succulent, glaucous foliage, turning reddish-green in summer.

**Pulchellum.** A rare and beautiful native species with bright rosy-purple flowers.

**Sexangulare.** Dark green foliage, yellow flowers.

**Spurium.** Attractive pink flowers; 6 inches.

**— Coccineum.** A beautiful crimson-flowered form of the above.

**Stahli.** Compact species with crimson-tinted foliage in autumn.

10 cts. each; $1.00 per doz.; $8.00 per 100.

### ERECT, OR TALL-GROWING VARIETIES.

Useful and pretty plants for the border, producing their interesting flowers during late summer and fall.

**Japonicum Macrophyllum.** Forms compact bushes 15 inches high, with pleasing waxy-white flowers, with light pink centres.

**Maximum Atropurpureum.** Interesting on account of its dark bronzy-purple foliage; 15 inches.

**Spectabilis Atropurpurea** (*Brilliant Stone-crop*). One of the prettiest erect-growing species, attaining a height of 18 inches, with broad light green foliage and immense heads of handsome showy rosy-crimson flowers; indispensable as a late fall-blooming plant. (See cut.)

15 cts. each; $1.50 per doz.; $10.00 per 100.

## SHORTIA.

**Galacifolia.** A rare and handsome evergreen, with bronzy-green foliage. Requires a shady position and a soil made up mostly of leaf-mould. The flowers are pure white, about an inch across, each on a stiff, wiry stem, and turns pink with age. 50 cts. each.

## SILENE (Catchfly).

**Alpestris.** Glistening white flowers in July and August. 4 in.

**Asterias Grandiflora.** A distinct and handsome species with carmine-scarlet flowers on stems 3 feet high in July and August.

**Schafta** (*Autumn Catchfly*). A charming border or rock plant, growing from 4 to 6 inches high, with masses of bright pink flowers from July to October.

15 cts. each; $1.50 per doz.; $10.00 per 100.

SEDUM SPECTABILIS ATROPURPUREA.

SCABIOSA CAUCASICA (offered on page 238).

## SISYRINCHIUM (Satin Lily, or Blue-eyed Grass).

**Bermudianum.** A pretty, early spring and fall-flowering plant, with blue flowers and grass-like foliage; 10 inches. 15 cts. each; $1.50 per doz.

## SMILACINA (False Solomon's Seal).

**Racemosa.** An attractive native plant, and a splendid subject for the border both for its foliage and flowers; grown in a shady position it attains the height of about 3 feet, producing its panicles of white flowers in early spring. 15 cts. each; $1.50 per doz.

## SOLIDAGO (Golden Rod).

The four varieties offered below are the most desirable of our popular native Golden Rods.

**Altissima.** The giant of the family, attaining a height of 10 to 12 feet; the large heads of golden-yellow flowers do not reach perfection until late in October.

**Canadensis.** Grows 4 to 5 feet high, with spikes of golden-yellow flowers from the end of July until September.

**Rigidus.** A bold plant with large, heavy foliage and immense heads of yellow flowers from the end of July till September.

**Shortia.** Golden-yellow flowers in July and August; 3 feet.

15 cts. each; $1.50 per doz.; $10.00 per 100.

## SPIGELIA (Carolina, or Indian Pink).

**Marilandica.** A rare and charming native plant, succeeding best in a shady, moist situation, and producing from early in June until late in October brilliant red, tubular flowers with yellow throat; 15 to 18 inches. 35 cts. each; $3.50 per doz.

## STACHYS (Woundwort).

**Betonica Rosea** (*Betony*). Grows 12 to 15 inches high, with bright pink spikes of flowers in June and July.

**Lanata.** Forms a densely-leaved mass of bright silvery-white woolly foliage and inconspicuous clusters of light purple flowers, as a plant for edging or for clumps in the border or wherever intense color is desired for contrast with other foliage, it will be found most useful.

15 cts. each; $1.50 per doz.; $10.00 per 100.

## SPIRÆA (Goat's Beard, Meadow Sweet).

Elegant border plants with feathery plumes of flowers and neat, attractive foliage, succeed best in a half-shaded location in rich, moist soil.

**Aruncus.** A noble variety, 3 to 5 feet high, producing in June and July long, feathery panicles of white flowers.

**— Kneiffi.** Grows 3 to 4 feet high, with foliage divided as fine as a fern, with great sprays of silvery-white flowers in June. 25 cts. each; $2.50 per doz.

**Astilboides.** Feathery white flowers in June; 2 feet.

**Chinensis.** A handsome species, with large heads of silvery-pink flowers in June and July; 2 feet. 25 cts. each; $2.50 per doz.

**Filipendula Fl. Pl.** (*Double-flowered Drop-wort*). Numerous corymbs of double white flowers, on stems 12 inches high, during June and July, and pretty fern-like foliage.

**Gigantea, or Kamtschatica.** Forms a bold plant 5 to 6 feet high, with large palmate leaves and immense heads of white flowers in July and August. 25 cts. each; $2.50 per doz.

**Japonica.** Large panicles of white, feathery flowers in June; 2 feet.

**Palmata** (*Crimson Meadow Sweet*). One of the most beautiful hardy plants, the deep purple-red of the stems and branches passing into the crimson-purple of the broad corymbs of flowers, which are produced very freely during June and July; 3 ft.

**— Elegans.** A free-flowering, silvery-pink form of the above.

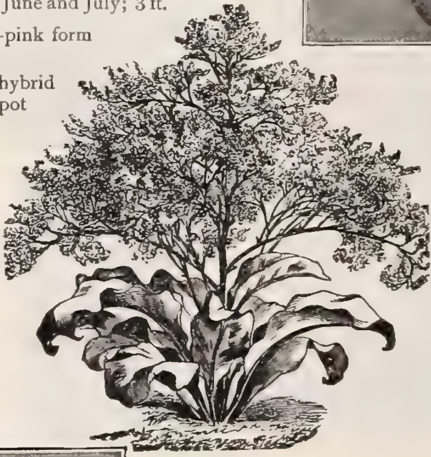
**Queen Alexandra.** A beautiful new hybrid of a soft, delicate pink, much used as a pot plant, but being a perfectly hardy plant, it will prove just as valuable for the border. 40 cts. each; $4.00 per doz.

**Venusta.** A showy, red-flowering species; very fragrant; 4 to 5 feet; June.

**Ulmaria Fl. Pl.** (*Meadow Sweet*). Grows about 3 feet high, and produces its large double-white flowers during June and July. (See cut.)

**Price,** except where noted, 15 cts. each; $1.50 per doz.; $10.00 per 100. Set of 12 sorts for $2.00.

SPIRÆA ULMARIA FL. PL.



STATICE LATIFOLIA.

## STATICE (Sea Lavender).

Most valuable plants either for the border or rockery, with tufts of leathery foliage and immense candelabra-like panicles of minute flowers, producing a remarkable effect; grows from 15 to 18 inches high, and blooms from June until September.

**Eximia.** Bears immense heads of lovely lilac flowers.

**Gmelini.** Large panicles of violet-blue flowers.

**Latifolia** (*Great Sea Lavender*). Immense heads, 2 to 3 feet across, of deep blue flowers, which last for months if cut and dried.

**Tartarica.** Bright purplish-red flowers in graceful panicles.

15 cts. each; $1.50 per doz. Set of 4 varieties for 50 cts.

STOKESIA CYANEA (Cornflower Aster).

## STOKESIA.

(The Cornflower, or Stokes' Aster.)

**Cyanea.** A most charming and beautiful native plant. Grows from 18 to 24 inches high, bearing freely from early in June until October its handsome lavender-blue Cornflower-like blossoms, which measure from 4 to 5 inches across. It is of the easiest culture, succeeding in any open, sunny position, and not only is it desirable as a single plant in the hardy border, but it can also be used with fine effect in masses or beds of any size. 15 cts. each; $1.50 per doz.; $10.00 per 100.

**Cyanea alba.** Identical to the blue variety above in every way except color, which is pure white. 20 cts. each; $2.00 per doz.

## SWEET WILLIAM (Dianthus Barbatus).

We offer a superb strain of mixed single and double-flowering sorts. 10 cts. each; $1.00 per doz.; $8.00 per 100.

## SYMPHYTUM (Comfrey).

**Asperrimum aureo variegatum.** A pretty golden variegated foliage border plant; in spring the leaves form rosettes close to the ground, later in the season the stems and leaves rise and form a taller plant with numerous drooping blue bell-shaped flowers. 25 cts. each; $2.50 per doz.

**Every order, whether for a single plant or a thousand, is given careful attention.**

Trollius (Globe Flower).

## TANACETUM.

**Balsamita** (*Costmary, or Bible Leaf*). An old-time favorite, growing about 4 feet high and bearing small yellow flowers; in by-gone days the ladies used the fragrant leaves as bookmarks, hence one of its common names, Bible Leaf.

**Vulgare** (*Tansy*). Golden-yellow flowers in midsummer; 3 feet.

15 cts. each; $1.50 per doz.

## THALICTRUM (Meadow Rue).

Very graceful, pretty-flowered plants, with finely-cut foliage; great favorites for planting in the hardy border; the dwarfer varieties also being effective and useful in the rockery. (See cut.)

**Aquilegifolium atropurpureum.** Elegant graceful foliage and masses of rosy-purple flowers; 3 feet.

**— Album.** Pure white flowers.

**Cornuti.** Panicles of white flowers in June and July; 4 to 8 feet.

**Glaucum.** Fine-cut foliage; bronzy-yellow flowers in June; 2 feet.

**Minus.** Fine foliage and pale yellow flowers.

15 cts. each; $1.50 per doz.; $10.00 per 100. Set of 5 varieties, 60 cts.

## THYMUS (Thyme).

**Lanuginosus** (*Woolly-leaved Thyme*). A trailing variety with greyish foliage.

**Serpyllum** (*White Mountain Thyme*). A pretty subject for the rockery, forming dense mats of dark green foliage and clouds of white flowers.

**— Coccinea** (*Scarlet Thyme*). Dark green foliage and clouds of bright red flowers.

**— Splendens.** Bright purplish-red flowers.

15 cts. each; $1.50 per doz.; $10.00 per 100.

## THERMOPSIS.

**Fabacea.** A showy, tall-growing plant, attaining a height of 3 feet, producing long spikes of yellow flowers in June and July. 15 cts. each; $1.50 per doz.

## TIARELLA (Foam Flower).

**Cordifolia.** A pretty, low-growing native plant, about 8 inches high, producing showy spikes of pure white Spiræa-like flowers in May and June.

**Purpurea major.** An attractive variety, forming a neat compact clump; the foliage unusually bright as it expands in the spring; bears long spikes of salmon-red flowers.

15 cts. each; $1.50 per doz.

## TRADESCANTIA (Spider Wort).

**Virginica.** Produces a succession of blue flowers all summer.

**— Alba.** A white-flowered form.

**— Flora plena.** A double-flowering variety, purple flowers.

15 cts. each; $1.50 per doz.

## TRICYRTIS (Japanese Toad Lily).

**Hirta.** An interesting Japanese plant, growing 18 inches high, and producing in the greatest profusion in late fall clusters of most peculiar lily-like flowers, which are creamy white, spotted purplish-brown. Should be planted in semi-shady situation. 15 cts. each; $1.50 per doz.

**Macropoda Striata.** Useful for its foliage, which is prettily variegated green and white. 25 cts. each; $2.50 per doz.

## TRILLIUM (Wood Lily, or Wake Robin).

Excellent plants for shady positions in the hardy border, or in a subaquatic position, flowering in early spring.

**Erectum.** This is the purple wood lily, the earliest to flower.

**Grandiflorum.** The large white; probably the handsomest.

10 cts. each; $1.00 per doz.; $6.00 per 100.

## TROLLIUS (Globe Flower).

Desirable free-flowering plants, producing their giant Buttercup-like blossoms on stems 2 to 2½ feet high from May until August; succeed admirably in the border in a half-shady position in well-drained, preferably light soil.

**Asiaticus Flore Croceo.** Dark orange, of beautiful form.

**Europæus.** Large, bright yellow, globular flowers, 2 inches in diameter. 15 cts. each; $1.50 per doz.

**Fire Globe.** Large bright orange-red flowers.

**Japonicus "Excelsior."** Very deep orange flowers.

**Caucasicus "Orange Globe."** A rare variety, with large, deep orange-colored flowers.

**Price,** except where noted, 25 cts. each; $2 50 per doz. Set 5 varieties for $1.00.

Thalictrum.

## TRITOMA (Red-hot Poker, Flame Flower, or Torch Lily).

The early, free and continuous blooming qualities of the newer varieties have made Tritomas one of the great bedding plants, and when we consider that there are few plants which are suitable for massing under our severe climatic conditions, it is little wonder that such elegant subjects should become so popular.

All the varieties offered are worthy of cultivation, succeeding in any ordinary garden soil, but responding quickly to liberal treatment; they are hardy if given protection, but the most satisfactory method of wintering is to bury the roots in sand in a cool cellar.

**Aurora.** Very free-flowering variety; bright coral-red flowers in September. 25 cts. each; $2.50 per doz.

**Atropos.** A choice sort, growing about 4 feet high with large spikes of rich scarlet. 25 cts. each; $2.50 per doz.

**Nobilis.** The finest of the tall-growing varieties; large flower heads of rich scarlet on stems 6 feet high; 75 cts. each.

**Obelisque.** Large spikes of saffron-yellow, with brighter shadings; July and August; 3½ to 4 feet. 25 cts. each; $2.50 per doz.

**Pfitzerii** (*The Everblooming Flame Flower*). In bloom from August to November, with spikes from 3 to 4 feet high and heads of bloom of a rich orange-scarlet, producing a grand effect either planted singly in the border or in masses. (See cut.) 15 cts. each; $1.50 per doz; $10.00 per 100.

**Quartiniana.** This novel variety flowers late in May in spikes 10 to 12 inches long, orange-red when first opening, the lower part changing to yellow when mature; a pretty combination of colors; 3½ to 4 feet. 50 cts. each.

**R. Wilson Kerr.** One of the finest yet introduced. An early and coutinuous bloomer. Color rich, brilliant orange-scarlet, which does not vary at any time. 75 cts. each; $7.50 per doz.

**Tricolor.** A charming small-flowered sort, in which three distinct colors are combined in the same spike of flowers, the buds at first appearing cochineal-red, changing to canary-yellow, finally opening a sulphur-white; very free-flowering; August to October; 2½ feet. 25 cts. each; $2.50 per doz.

**Uvaria Grandiflora.** The old-fashioned late-flowering sort; spikes 3 to 5 feet high, flowers rich ochre-red, passing to salmon-pink. 15 cts. each; $1.50 per doz; $10.00 per 100.

One each of the 9 Tritomas, a grand collection, for $3.00.

TRITOMA PFITZERII.

## TUNICA.

**Saxifraga.** A pretty tufted plant with light pink flowers, produced all summer; useful either for the rockery or the border. 25 cts. each. $2.50 per doz.

VALERIANA OFFICINALIS.

## VALERIANA (Spurred Flower).

**Coccinea** (*Valerian*). Showy heads of reddish flowers from June to October; 2 feet.

**— Alba.** A white-flowered form.

**Officinalis** (*Hardy Garden Heliotrope*). Produces showy rose-pink heads of flowers during June and July, with strong heliotrope odor.

15 cts. each; $1.50 per doz.; $10.00 per 100.

## VERBASCUM (Mullein).

**Phœniceum.** Purplish flowers on spikes 1½ feet high; very pretty. May-June. 15 cts. each; $1.50 per doz.

## VERBENA (Vervain).

**Venosa.** A very showy perennial variety, growing 15 inches high, producing masses of bright purplish-heliotrope flowers from June to October. 15 cts. each; $1.50 per doz.; $10.00 per 100.

## VERNONIA (Iron Weed).

**Arkansana.** A strong-growing perennial, 5 feet high, suitable for the back of the border, or for planting among shrubs, producing large heads of purple flowers; August to October. 15 cts. each; $1.50 per doz.

## VINCETOXICUM (Mosquito Plant)

**Japonicum.** An interesting plant from Japan, with small white flowers in summer, which attracts and kills insects. The foliage is dark green and almost evergreen. 25 cts. each; $2.50 per doz.

Veronica Longifolia Subsessilis.

## VERONICA (Speedwell).

**Amethystina.** Amethyst-blue flowers in July and August; 2 feet.

**Incana.** Bright silvery foliage, with spikes of amethyst-blue flowers; July and August; 1 foot.

**Longifolia Subsessilis.** Mrs. Ely says of this fine blue variety: "Should be set out in the spring, so that it may become well established before winter. This plant grows about three feet high, and three-year-old plants produce eight or ten stalks, bearing a long spike of deep blue flowers. *Veronica Longifolia Subsessilis* begins to bloom in mid-July and continues flowering for a month. It requires only good garden soil and watering in dry weather; but if a little bone meal is dug about the plants early in May, the spikes of bloom will be much finer. Veronica is perfectly healthy, and if covered in late autumn with stable litter is quite hardy."

**Maritima.** Long spikes of blue flowers from July to September; 2 feet.

**Pectinata.** Fine for the rockery; masses of blue flowers in May.

**Prostrata.** Dwarf and spreading; deep blue flowers in May and June; 4 inches.

**Repens.** A trailing variety, covered during May with blue flowers.

**Rosea.** A most desirable variety, bearing bright-rose flowers; 1½ feet.

**Rupestris.** A fine rock plant, growing three or four inches high, thickly-matted deep green foliage, hidden in spring under a cloud of bright blue flowers.

**Spicata.** An elegant border plant, growing about 1½ feet high, producing long spikes of bright blue flowers.

**— Alba.** A white-flowered form of the above.

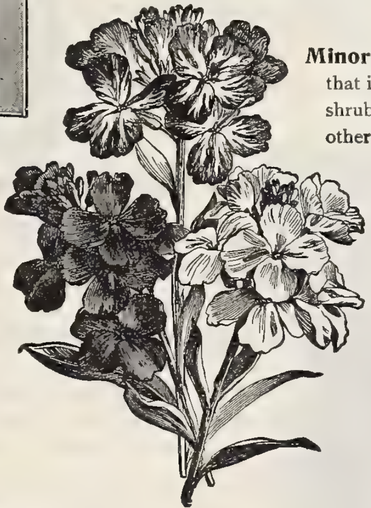
**Virginica.** Long spikes of white flowers in July and August; 3 to 5 feet.

**Price.** 15 cts. each; $1.50 per doz.; $10.00 per 100. Set of 12 varieties, $1.50.

## VINCA.

(Periwinkle, or Trailing Myrtle.)

**Minor.** An excellent dwarf evergreen trailing plant that is used extensively for carpeting the ground under shrubs and trees, or on graves where it is too shady for other plants to thrive. 10 cts. each; $1.00 per doz.; $8.00 per 100.



Wallflower.

## WALLFLOWERS.

The old favorite fragrant Wallflower; mixed colors, including yellow, brown, etc. 15 cts. each; $1.50 per doz.; $10.00 per 100.

## VIOLAS OR TUFTED PANSIES.

(Viola Cornuta.)

The improved forms of *Viola Cornuta* are one of the important bedding plants of Europe. They are but little known here, but are certain to become general favorites. If planted in a partially shaded bed, they will flower continuously for nearly eight months in the year; and while their flowers are not so large as those of the Pansy, their bright colors and floriferousness will make them welcome additions to any garden.

**Admiration.** Soft purple, with dark blotch.
**Lutea Splendens.** Rich golden yellow.
**Papilio.** Violet, with dark eye.
**White Perfection.** A fine white.

5 cts. each; 50 cts. per doz.; $4.00 per 100.

## HARDY VIOLETS.

The varieties listed below are not suited for forcing under glass; they are perfectly hardy, and when grown in the open border are covered with flowers in early spring.

**Blanda** (*Sweet White Violet*). Our native single white violet, faintly sweet scented. 10 cts. each; $1.00 per doz.

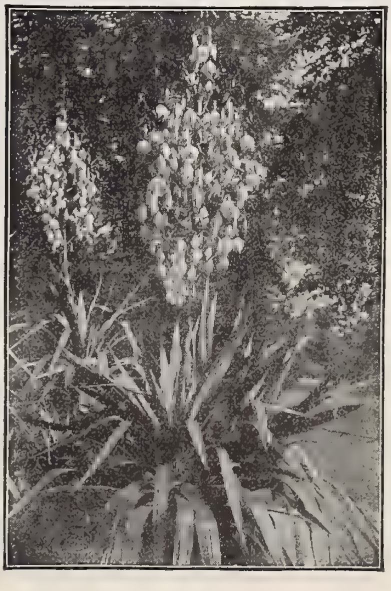
**Odorata Lutea.** Flowers small, of a pleasing shade of chamois yellow; produced in great abundance. 10 cts. each; $1.00 per doz.

**Pedata** (*Bird's Foot Violet*). A native variety, with finely-cut foliage and showy blue flowers. 10 cts. each; $1.00 per doz.; $6.00 per 100.

**— Bicolor.** An elegant variety of the preceding, with the upper petals a rich royal purple; lower petals almost white. 15 cts. each; $1.50 per doz.; $10.00 per 100.

## YUCCA (Adam's Needle).

**Filamentosa.** Among hardy ornamental foliage and flowering plants this can be classed at the head of the list. Its broad, sword-like foliage and tall, branched spikes of large, fragrant, drooping, creamy-white flowers during June and July make it an effective plant for all positions. (See cut.) 25 cts. each; $2.50 per doz.; $15.00 per 100.



Yucca.

**Our "Introduction" collections of Hardy Plants solves the problem for the beginner. See page 195.**

# Dreer's Choice Hardy Shrubs

**NOTE.—Shrubs will be shipped on receipt of orders, or as soon as they can be dug, unless instructed to the contrary, and can only be sent by Freight or Express, at purchaser's expense. They are too heavy and large to be sent by mail. No charge for boxes, packing or delivery to express, freight or steamship lines in Philadelphia.**

## THE PLANTING AND CARE OF SHRUBS.

SHRUBS, deciduous and evergreen, are as much a part of the well-balanced garden as the lawn or flower borders. Many of them are as decorative as any ornamental foliage plant, while others are highly useful as cut flowers, and a well-arranged planting presents an attractive appearance throughout the entire year.

Shrubs have many uses; such as a dividing line between the flower and vegetable garden, or between the lawn and uncultivated land beyond; as a background to a flower border; for hiding an unsightly building, fence or foundation; or they may be planted in a mixed shrubbery border, in which case those of short, dense growth should be planted along the front of the border, graduating to the tall-growing kinds at the back.

Thorough preparation of the soil by spading, and the addition of a liberal quantity of sheep or stable manure or bone meal will be well repaid by strong, vigorous, healthy growth. All the attention necessary to such a border would be occasional cultivation to keep down weeds, and a little top-dressing of manure or bone meal in the late fall to keep up the fertility of the border. In planting, care should be taken not to overcrowd, allowing sufficient room for future development, and unless an immediate effect is wanted—in which case they may be planted closer and some of them moved when necessary—the majority of the dwarf-growing kinds may be set about 3 feet apart, the tall, strong growers about 5 feet apart.

Deciduous Shrubs should be planted in spring as soon as frost is out and the ground in workable condition. This gives them a chance to make some root-growth before hot weather comes; and, while it is quite possible to plant up until the beginning of May, they will not do as well as if planted earlier.

Deciduous Shrubs of all kinds may be planted directly after the first frost in the fall, usually about October 15th in the latitude of Philadelphia, and as there are six weeks of good weather after that date, and less to do at that time than in the spring, it is well to take advantage of the conditions in the autumn.

The question of when and how to prune Shrubs is one that is frequently asked, and as no hard and fast rule can be given, we can but indicate in a general way what should be done. All Shrubs that blossom before midsummer, such as Deutzias, Forsythias, Lilacs, Philadelphus, Weiglias, etc., produce their flowers on the growth of wood made the previous year. To prune these in spring would be to destroy most of the flowers for that season. These, therefore, should have any necessary pruning done immediately after flowering. Varieties which blossom after midsummer produce their blooms on wood made the same season. This class includes such kinds as Altheas, Desmodiums, Hydrangeas, etc., and these should be pruned in early spring. In our judgment, Shrubs are, as a rule, pruned too much, all the pruning, or rather trimming, that is necessary being just enough to keep the plant in nice symmetrical shape, care, of course, being taken to cut out all dead wood, and removing sufficient surplus growth, if any, to admit a free circulation of air and sunshine to all parts of the plant. This season we offer Shrubs under three heads: first, Hardy Deciduous sorts, beginning on this page to page 252; Evergreen varieties on pages 253 and 254, and Hardy Coniferous Evergreens on page 255.

## HARDY DECIDUOUS SHRUBS.

In this class is included the most popular and better-known of our hardy flowering and ornamental Shrubs. Their popularity is based on the wealth of flowers which they produce and their adaptability to the most ordinary conditions. No class of plants present to our landscape a greater array of blossoms or a more symmetrical arrangement of their flowers, and once established, with the exception of a periodical trimming, may be left to take care of themselves, increasing in size and beauty from year to year.

ALTHEA ALBA PLENA.

**Abelia Chinensis Grandiflora.** A choice, small Shrub of graceful habit, producing through the entire summer and fall months white tinted lilac heather-like flowers in such abundance as to completely cover the plant. 30 cts. each; $3.00 per doz.

**Althea** (*Rose of Sharon*). The Altheas are among the most valuable of our tall hardy Shrubs on account of their late season of blooming, which is from August to October, a period when but few Shrubs are in flower. They are also extensively used as hedge plants, for which they are admirably adapted. We offer the following choice sorts:

**Alba plena.** Double white, crimson centre.
**Atropurpurea plena.** Double purple.
**Cœrulea plena.** Double blue.
**Duchess de Brabant.** Double dark red.
**Folia Variegata.** Leaves variegated green and white.
**Jeanne d'Arc.** Double pure white.
**Rubis.** Splendid single red
**Totus Albus.** Fine single pure white; very desirable.
**Violacea plena.** Double rosy-lilac.

25 cts. each. Set of 9 varieties, $2.00.

**Amorpha Fruticosa** (*False Indigo*). A strong-growing Shrub, from 6 to 7 feet high, with finger-like spikes of indigo-colored flowers, three or more spikes in a cluster; blooms early in June. 25 cts. each.

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**We will supply all Shrubs priced at 25 cts. each for $2.50 per doz.; $15.00 per 100.**

Buddleya Veitchiana.

**Aralia Pentaphylla.** A pretty Japanese Shrub, of medium size and rapid growth, with fine lobed palmate leaves of a pale green color, branches furnished with spines. 25 cts. each.

— **Spinosa** (*Hercules Club, Angelica Tree, or Devil's Walking-stick*). A singular native tree-like Shrub, growing from 10 to 15 feet high, with very prickly stems, pinnate leaves and immense panicles of white flowers in the month of August, an odd tropical looking plant. 50 cts. each.

**Andromeda Mariana** (*Lily of the Valley Shrub*). Of dwarf, low growth, bearing early in June panicles of waxy white drooping bell-shaped blossoms. 25 cts. each.

**Baccharis Halimifolia** (*Groundsell Tree*). A pretty, tall Shrub, which is especially attractive in the fall on account of its fluffy white seedpods. 25 cts. each; $2.50 per doz.

**Berberis Thunbergii** (*Japanese Barberry*) A beautiful variety with small foliage, assuming the most varied and beautiful tints of coloring in the autumn, and attractive scarlet berries, which remain on the plant the greater part of the winter; very desirable for grouping and a grand hedge plant. 25 cts. each; $2.50 per doz. Plants for hedges offered on page 252.

— **Vulgaris purpurea** (*Purple Barberry*). Of erect, tall growth, with fine purple foliage; the young shoots are red, and in May it bears small yellow flowers, followed in fall by bright red fruit. 25 cts. each; $2.50 per doz.

**Buddleya Variabilis.** A desirable Shrub; grows 5 feet high, producing throughout the entire summer and fall long racemes of rosy-lilac flowers, with an orange spot in the centre. 25 cts. each.

☞ **New Buddleya, Veitchiana.** Best described as a glorified form of the preceding, being more vigorous, and producing flower spikes over twenty inches long by three across; in color it is a pleasing shade of violet-mauve with orange-yellow centre. 35 cts. each.

☞ **New Buddleya, Veitchiana Magnifica.** Flowers deep rose-purple, with orange-yellow centre. 50 cts. each.

**Calycanthus Floridus** (*Sweet or Strawberry Shrub*). An old favorite with double chocolate-colored strawberry-scented flowers. 25 cts. each.

**Caragana Arborescens** (*Pea Tree*). An interesting Shrub or small tree with yellow pea-shaped flowers in May. 25 cts. each.

**Cercis Canadensis** (*Judas Tree, or Red Bud*). A showy tall shrub or small tree. All the branches and twigs are covered with a mass of small rosy-pink flowers early in the spring before the leaves appear. Plants 4 to 5 feet high, 50 cts. each.

## AZALEA MOLLIS.

We offer two very choice sorts of this showy early spring-blooming Shrub, as well as mixed varieties, viz:

**Anthony Koster.** One of the prettiest of this section. Its intense golden orange-yellow flowers are of exceptionally large size, and are produced very freely. Strong plants, $1.00 each; $10.00 per doz.; $75.00 per 100.

**J. C. Van Tol.** This is the best of the red-flowering forms of Mollis, having exceptionally large flowers, and being of strong, vigorous habit. Strong plants, $1.00 each; $10.00 per doz.; $75.00 per 100.

**Mixed.** All the choicest colors in mixture, including yellow, orange, red, etc. Strong plants, 75 cts. each; $7.50 per doz.; $60.00 per 100.

## AZALEA PONTICA.

The selection of named sorts below represent the finest of this type. We can also supply in mixture,

**Coccinea Speciosa.** The brightest of this type, brilliant reddish-salmon with fiery-red shadings. $1.00 each; $10.00 per doz.

**Davisii.** The finest white, very free-flowering. $1.00 each; $10.00 per doz.

**Nancy Waterer.** A pleasing shade of Indian-yellow. $1.00 each; $10.00 per doz.

**Bouquet de Flore.** A pleasing soft salmon-rose. Semi-double. $1.00 each; $10.00 per doz.

**Mixed** in a splendid range of colors. 75 cts. each; $7.50 per doz.; $60.00 per 100.

## AZALEA YODOGAMA.

This charming species is a perfect gem. It grows about 3 feet high, and in May is literally covered with semi-double lavender-pink flowers, a shade at once distinct from all others and very pleasing. Strong plants, $1.25 each; $12.00 per doz.

For Evergreen Varieties of Hardy Azaleas see page 253.

Azalea Mollis.

**Note that our prices on Shrubs include boxes and packing and delivery to any express or freight line in Philadelphia.**

**Chionanthus Virginica** (*White Fringe*). A tall-growing native Shrub, blooming profusely in June. The singular flowers resemble bunches of white silken fringe, hung gracefully among the foliage. 25 cts. each.

**Clerodendron Trichotomum.** A tall Shrub, bearing early in September heads of sweet-scented white flowers with rosy-red calyx. 50 cts. each.

**Clethra alnifolia** (*White Alder, or Sweet Pepper Bush*). One of the best of our native dwarf Shrubs, bearing spikes of pure white, deliciously fragrant flowers during July and August. 25 cts. each.

**Colutea Arborescens** (*Bladder Senna*). A tall Shrub, with small, delicate foliage and yellow, pea-shaped blossoms in June, followed by reddish pods or bladders. 25 cts. each.

**Corchorus or Kerria Japonica fl. pl.** (*Globe-flower*). A graceful Shrub, of medium height, with double yellow flowers, from June to October. 25 cts. each.

— **Argentea Variegata.** Foliage prettily edged with silvery white, of dwarf habit. 25 cts. each.

**Cratægus Oxyacantha fl. pl.** (*Double Flowering Hawthorn*). The double form of the fragrant English Hawthorn; flowers in May and June. We offer both double red and white. 50 cts. each.

**Cytisus Laburnum** (*Golden Chain or Golden Rain*). A dwarf tree or large Shrub with shining green leaves and long, drooping racemes of yellow flowers which appear in early summer. 50 cts. each.

We will supply any of the Shrubs priced at 25 cts. each for $2.50 per doz.; $15.00 per 100.

CORCHORUS.

CLETHRA ALNIFOLIA (Sweet Pepper Bush).

**Cornus Florida** (*White-flowering Dogwood*). An ornamental, spreading, irregularly-shaped tree, producing large white flowers in spring and rich crimson foliage in autumn. Plants 5 to 6 feet high, 75 cts. each.

— — **Rubra** (*Red-flowering Dogwood*). A rare variety, the flowers of which are rich, rosy-red. The two varieties make a fine contrast. Plants 4 to 5 feet high, $1.00 each.

— **Alba Sibirica** (*Siberian Dogwood*). A strong-growing variety, crimson colored branches in winter. 25 cts. each.

— **Sanguinea** (*Red-twigged Dogwood*). A strong-growing bush, with crimson-colored branches; especially attractive in winter. 25 cts. each.

— **Mascula** (*Cornelian Cherry*). A tree-like Shrub, producing early in spring, before the leaves appear, clusters of bright yellow flowers, which are followed by red edible berries. 25 cts. each.

— **Sericea.** A reddish-stemmed variety of strong growth, corymbs of white flowers late in June, followed by pretty blue berries in October. 25 cts. each.

**Desmodium Penduliflorum.** A Shrub which dies to the ground in winter, but comes up vigorously in spring, throwing up shoots 3 to 4 feet high, which bear during September attractive sprays of bright rose-colored pea-shaped flowers. 25 cts. each.

— **Japonicum.** An elegant white-flowering variety, producing during September and October masses of pure white pea-shaped flowers. (See cut.) 50 cts. each.

☞ **Dimorphanthus Mandschuricus Aurea Variegata** (*Golden Variegated Chinese Angelica Tree*). A magnificent hardy ornamental tree, and one of the most striking novelties of recent years, large pinnate foliage three feet long and wide. The individual leaflets, which are about two inches wide, are beautifully margined with gold; very effective when planted as an individual specimen. Strong one-year-old plants, $2.00 each.

☞ — — **Argentea variegata** (*Silver Variegated Chinese Angelica Tree*). Identical to the above, but with creamy white variegation, and making a fine contrast. Strong one-year-old plants, $2.00 each.

DESMODIUM JAPONICUM.

**Note that our prices on Shrubs include boxes and packing and delivery to transportation company in Philadelphia.**

Deutzia Lemoinei.

**Deutzias.** Well-known profuse flowering shrubs, blooming in spring or early summer. Succeed in any sunny position. The dwarf varieties are desirable for forcing under glass.

**— Candidissima plena.** A fine tall double white. 25 cts. each.

**— Crenata rosea plena** (*Double-flowering Deutzia*). Double-white, tinged with pink; very desirable tall Shrub. (See illustration on page 248.) 25 cts. each.

**— Gracilis.** A favorite dwarf bush, covered with spikes of pure white flowers in early summer. 25 cts. each.

**— — Boule de Neige.** Habit and growth like the type, with numerous compact spikes of creamy-white flowers in May. 25 cts. each.

**— — Carminea.** Delicate blush, reverse of petals rose. 25 cts. each.

**— — Rosea.** Flowers twice the size of *D. gracilis* and suffused with delicate pink; a grand improvement. 25 cts. each.

**— Kalmiæflora.** A strong grower, bearing in May large umbels of white flowers tinted with rose. 25 cts. each.

**— Lemoinei.** Without doubt one of the very best dwarf hardy Shrubs; flowers very large and produced in cone-shaped heads of purest white, which open out very full. 25 cts. each.

**— Pride of Rochester.** A fine tall-growing double white. 25 cts. each.

**— Scabra.** A desirable variety of medium height. Large single white flowers, tinged with pink. 25 cts. each.

**Euonymus Europæus** (*Burning Bush*). A very conspicuous tall Shrub, which in the autumn and winter is loaded with scarlet seed-pods, from which orange-colored berries hang on slender threads. 25 cts. each.

**Eleagnus Longipes** (*Japanese Oleaster*). A very desirable, nearly evergreen Shrub of medium height, with light foliage, which is silvered on the under surface. The abundant crop of orange-colored fruit is a very attractive feature during the summer. 25 cts. each.

**Exochorda Grandiflora** (*Pearl Bush*). A medium-sized Shrub, bearing white flowers in slender racemes in early spring; very graceful; useful for cut flowers. 25 cts. each.

**Fagus Sylvatica Purpurea Riversii** (*Rivers' Purple Beech*). This variety, with its compact, symmetrical habit of growth and bright, glossy, rich purple foliage, is one of the finest ornamental trees for the lawn, planted as an individual specimen with a background of green it outrivals all other colored foliage Shrubs or Trees. It is longlived, has few enemies and once established is of rapid growth. Strong, trained pyramid-shaped plants, 6 feet high, $3.00 each.

**Forsythia Fortunei.** Strong, erect habit, bright golden-yellow flowers. 25 cts. each.

**— Suspensa** (*Weeping Golden Bell*). A tall Shrub of willowy-growth, the branches gracefully arching, covered with golden-yellow bells in early spring. 25 cts. each.

**— Viridissima.** Strong, erect habit; flowers yellow; very early. 25 cts. each.

**Halesia Tetraptera** (*Silver Bell, or Snowdrop Tree*). One of the most desirable tall Shrubs, with pretty bell-shaped white flowers in May. 25 cts. each.

☞ **Hydrangea Arborescens Grandiflora** (*Snowball Hydrangea*). This magnificent, perfectly hardy American Shrub has snow-white blossoms of largest size. One of its most valuable characteristics is its coming into bloom just after the passing of all the early spring Shrubs, while its long flowering season, from early June until late August, makes it a valuable acquisition in any garden. Strong plants, 50 cts. each; $5.00 per doz.; $30.00 per 100.

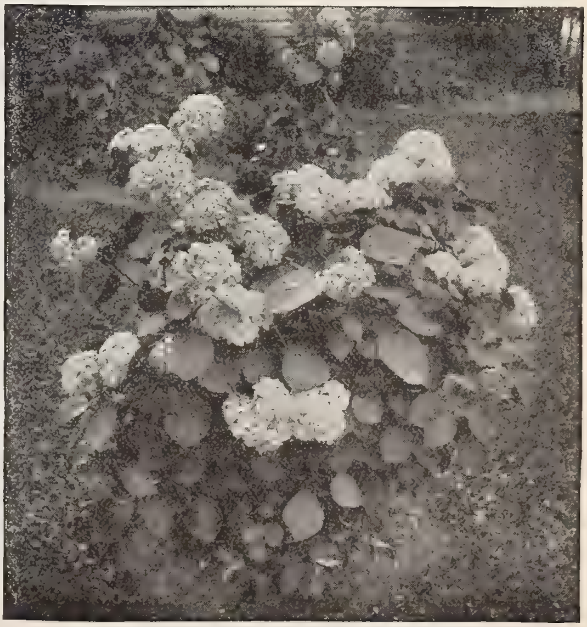
**Hydrangea Paniculata Grandiflora.** Without doubt the best known and most popular summer-flowering Shrub in cultivation at the present time. The flowers, which are borne in dense pyramidal panicles a foot long, in the greatest profusion, are white when they first open, but gradually change to rose color, and remain in good condition for weeks.

Fine bush plants, 25 cts. each; $2.50 doz.; $18.00 per 100.

Extra fine bush plants, 50 cts. each; $5.00 per doz.; $30.00 per 100.

Standard or tree-shaped plants, which will make beautiful specimens for the lawn or garden. 50 cts. each; $5.00 per doz.

**Itea Virginica.** One of the prettiest of our dwarf native Shrubs; produces racemes of pure white flowers during June, which have a fragrance not unlike the Pond Lily. 25 cts. each.



Hydrangea Arborescens Grandiflora.

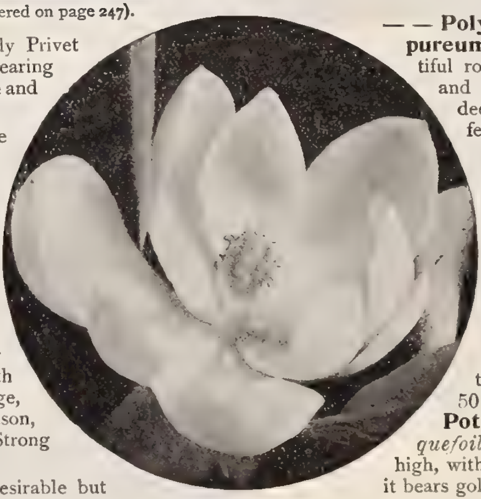
**We will supply any of the Shrubs priced at 25 cts. each for $2.50 per dozen; $15.00 per 100.**

Deutzia Crenata Rosea Plena (offered on page 247).

**Ligustrum Ibota.** A graceful hardy Privet from Japan, of spreading habit, bearing small, fragrant white flowers in June and July. 25 cts. each.

**— — Regelianum.** A handsome Japanese Privet, with spreading branches and dark green foliage, contrasting well with the racemes of fragrant white flowers in summer; elegant and graceful as an isolated specimen. 25 cts. each.

☞ **Liriodendron Tulipifera folia aurea** (*Golden-leaved Tulip Poplar*). In this new variety is combined all the good qualities of our well-known native Tulip Poplar with beautifully golden variegated foliage, which is retained throughout the season, making it attractive at all times. Strong bush-shaped plants, $1.50 each.



Magnolia Glauca.

**Leycesteria Formosa.** A most desirable but little known Shrub, growing from 5 to 6 ft. high, and producing in early summer purple-tinged white flowers in bunches on rather pendant branches; does well in either sun or shade. 25 cts. each.

**Lonicera Ledebouri** (*Bush Honeysuckle*). Very distinct, producing red flowers in May. 25 cts. each.

**— Morrowi.** A handsome Japanese variety with white flowers during May, but especially valuable for its bright red fruit during the summer and autumn months. 25 cts. each.

**— Tartarica** (*Tartarian Honeysuckle*). Pink flowers, contrasting beautifully with the foliage; blooms in June. 25 cts. each.

**— Tartarica alba** (*White Tartarian Honeysuckle*). A creamy-white colored variety of the above, flowering during May and June. 25 cts. each.

**— Grandiflora rosea.** A large-flowered form with bright red flowers, striped with white; flowers in June. 25 cts. each.

**Magnolia Alba Superba.** A very choice variety bearing snow white flowers in great abundance. Strong bushy plants, $3.00 each.

**— Conspicua** (*Chinese White Magnolia*). A highly prized species on account of its large white flowers, which open about the middle of April. Fine bushy plants, about 3 feet high, $3.50 each.

**— Glauca** (*White Bay, or Laurel*). The native Magnolia of the swamps, much admired for the beauty of its foliage and pure white, fragrant flowers. Plants 3 to 4 feet high, $1.00 each.

**Magnolia**—Continued.

**— Kobus.** One of the hardiest species in cultivation. Forms a large tree with white flowers 4 to 5 inches across, blooming in April and May. Strong pot-grown plants, 24 to 30 inches high, 50 cts. each.

**— Purpurea.** Deep purple, pink in throat, a dwarf bushy variety that blooms at intervals all summer. $1.00 each.

**— Soulangeana.** A Chinese species which, while shrub-like in its young growth, attains the size of a tree in time; its flowers, which are produced early in spring, are cup-shaped, 3 to 5 inches in diameter, and are white inside, flushed with purple outside. Strong, heavy plants, $2.00 each.

**— — Lennei.** A variety of the above in which the outside petals are of a deep crimson. Strong, heavy plants, $2.50 each.

**— Stellata.** A Japanese species, of dwarf habit and pure white, semdouble flowers during April. The earliest to bloom. Strong plants, $2.00 each.

**Japanese Maples.** These are exceedingly beautiful, especially in spring, when they burst into leaf, and the colors of the foliage are deep and decided.

**— — Japonicum Aureum.** Golden yellow.

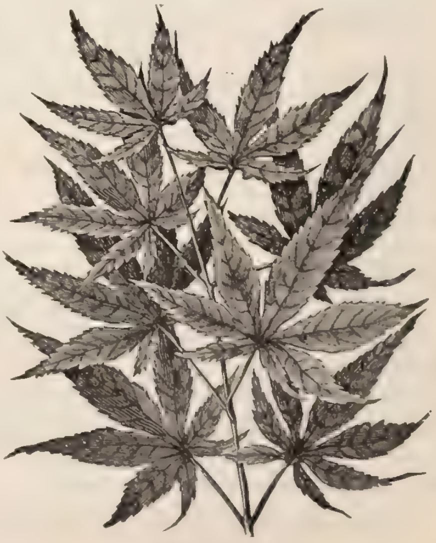
**— — Polymorphum Atropurpureum.** Purple-leaved variety, deeply cut.

**— — Polymorphum Dissectum Atropurpureum.** A handsome variety; leaves a beautiful rose color when young; change to a deep and constant purple as they become older; deeply and delicately cut, giving them a fern-like appearance.

**Price:** Any of the above Japanese Maples in fine four-year-old pot-grown specimens, 18 to 24 inches high, $1.25 each; two-year-old plants, 6 to 8 inches high, 50 cts. each.

**Pavia Macrostachya** (*Dwarf Horse Chestnut or Buckeye*). Forms a broad, round bush with deep green foliage, and in July bears a mass of beautiful upright spikes of white blossoms. 50 cts. each.

**Potentilla Fruiticosa** (*Shrubby Cinquefoil*). Forms an erect bush about 2½ feet high, with attractive foliage; commencing in July, it bears golden yellow flowers all summer. 25 cts.



Japanese Maple.

**Philadelphus Boule de Argent** (*Silver Ball, Mock Orange*). Dwarf, compact habit, double white flowers an inch across. 25 cts. each.

— **Coronarius** (*Garland Mock Orange*). This is the popular well-known tall variety; very sweet, and one of the first to flower. 25 cts. each.

— **Coronarius Flore Plena** (*Double-flowering Mock Orange*). Of dwarf growth, with fragrant semi-double white flowers. 25 cts. each.

— **Coronarius aurea** (*Golden-leaved Mock Orange*). Fine golden-yellow foliage, contrasting beautifully with the dark leaves of other Shrubs. 25 cts. each.

— **Grandiflorus.** A large white-flowered, robust grower. 25 cts. each.

— **Manteau d' Hermine.** Creamy white double flowers produced in such profusion as to completely cover the plant. 25 cts. each.

— **Purpurea maculata.** A new and entirely distinct variety, the large white flowers having a rosy-crimson spot at the base of each petal; of strong, compact branching habit. 50 cts. each.

— **Rosæflorus Plenus.** Very full double white flowers. 25 cts. each.

**Prunus Japonica fl. pl.** (*Double-flowering Almond*). A beautiful dwarf Shrub, producing its showy double flowers early in May before the leaves appear. We can supply both white and pink. 35 cts. each.

— **Pissardi** (*Purple-leaved Plum*). A dwarf Shrub, covered with single white flowers in spring; when they first appear the leaves are a lustrous crimson, changing to a rich purple. 35 cts. each.

— **Triloba** (*Double-flowering Plum*). An interesting Shrub, of medium height, bearing in early spring semi-double delicate pink flowers over an inch in diameter. 25 cts. each.

**Pyrus Japonicus** (*Japan Quince*). A very showy and popular Shrub of medium height, which blooms profusely in early spring; flowers dazzling scarlet. Makes an excellent hedge. 25 cts. each.

**Rhodotypus Kerrioides** (*White Kerria*). A very ornamental Japanese Shrub of medium size, with pretty foliage and large single white flowers the latter part of May. 25 cts. each.

SYMPHORICARPUS (Snowberry).

RHUS TYPHINA LACINIATA.

PHILADELPHUS GRANDIFLORUS.

**Rhus Cotinus** (*Purple Fringe, or Smoke Tree*). A low, shrubby tree, covered in midsummer with large clusters of feathery flowers, giving the appearance of a cloud of smoke or mist. 25 cts. each.

☞ — **Typhina Laciniata** (*Cut-leaved Staghorn Sumac*). A large-growing, bold and effective Shrub, with delicate fern-like foliage and brilliant scarlet fruit in the autumn. 50 cts. each.

**Salisburia adiantifolia** (*Maiden-hair Tree, or Ginkgo*). A rare and elegant tree of medium size, with beautiful fern-like foliage, which in shape somewhat resembles the Maidenhair fern; hence its popular name. Plants 3 to 4 feet high, 50 cts. each.

**Sambucus Nigra Aurea** (*Golden Elder*). Of strong growth and one of the best yellow foliage Shrubs; the color is remarkably bright, rich and constant, and makes a fine contrast in the shrubbery border. 25 cts. each.

**Staphylea Colchica** (*Bladder Nut*). One of the finest tall-growing early spring-flowering Shrubs, coming into bloom at the same time as Lilacs. Flowers very attractive, white and fragrant; disposed in clusters of good size. 35 cts. each.

**Symphoricarpus Racemosus fructo alba** (*Snowberry*). A well-known dwarf Shrub with small pink flowers and large white berries that hang on the plant the greater part of the winter. 25 cts. each.

— **Vulgaris** (*Red-fruited, or Indian Currant*). Similar to the above, but with bright red fruit. 25 cts. each.

**We will supply any of the Shrubs priced at 25 cts. each for $2.50 per doz.; $15.00 per 100.**

SPIRÆA VON HOUTTEI.

## SPIRÆAS.

**Anthony Waterer.** A valuable and distinct variety; color bright crimson; it is of dwarf, dense growth, never exceeding 30 inches in height; in bloom the entire summer and fall. 25 cts. each.

**Arguta Multiflora.** Produces in early May masses of pure white flowers. The plant is of dwarf, graceful habit. 25 cts. each.

**Billardii.** Strong-growing, pink flowered. 25 cts. each.

**— alba.** A white-flowered form of above. 25 cts. each.

**Callosa alba.** A very dwarf variety; white flowers nearly all summer. 25 cts. each.

**Lindleyana.** Of vigorous growth, bearing large panicles of white flowers in July; foliage resembles Sumac. One of the best. 25 cts. each.

**Margaritæ.** A handsome free-flowering variety with large, flat heads of soft pink flowers from June to October; grows from 3 to 4 feet high, and is one of the most desirable varieties in our collection. 25 cts. each.

**Opulifolia aurea.** (*Virginian Guelder Rose*). An interesting variety of medium growth with golden-tinted foliage and large white flowers in June. 25 cts. each.

**Prunifolia** (*Bridal Wreath*). A favorite variety and one of the best; it is a beautiful Shrub of medium size with double white daisy-like flowers in May. 25 cts. each.

**Reevesii fl. pl.** Of medium growth, with double white flowers in clusters in May. Very fine. 25 cts. each.

☞ **Sorbifolia Stellipeda.** A splendid improvement on the old Mountain Ash-leaved Spiræa, with which it is identical, except that the white flowers are produced in immense pyramidal panicles, frequently ten inches wide by fifteen inches high; these, backed with the bright green ferny foliage, appear like large bouquets of bloom. Flowers during July and August. (See cut.) Strong plants, 50 cts. each.

## SPIRÆAS—*Continued.*

**Thunbergii.** One of the most charming of all low-growing Shrubs, with fine delicate foliage, and a profusion of small white flowers in spring. 25 cts. each.

**Van Houttei.** The grandest of all the white Spiræas; it is of compact habit and a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. Clusters of 20 to 30 white florets make up the raceme, and are set close along the drooping stems. (See cut.) 25 cts. each; $2.50 per doz.

## ☞ New Crimson Spiræa "Walluf."

A sport from Spiræa Anthony Waterer, with which it is identical in every way except color, which is much more intense. A decided acquisition. 50 cts. each.

## Standard or Tree-Shaped Syringas or Lilacs.

We offer a splendid lot of tree-shaped Lilacs; that is, plants grown to a single stem about 3 feet high with shapely bushy crowns. These will be found very desirable as isolated specimens in the border or on the lawn. We can supply in the following varieties:—**Charles X, Japonica, Mme. Lemoine. Michael Buchner, Marie Legraye** and **Souv. de Louis Spæth.** 50 cts. each; one each of the 6 sorts for $2.50. Regular stock of Lilacs is offered on next page.

SPIRÆA SORBIFOLIA STELLIPEDA.

## SYRINGA, OR LILACS.

**Lilac, Common Purple** (*Syringa Vulgaris*). The common purple lilac, and one of the best. 25 cts. each.

— **Common White** (*S. Vulgaris alba*). Flowers white, fragrant, beautiful. 25 cts. each.

— **Charles X.** A strong, rapid growing variety, with large, shining leaves. Trusses rather loose; large, reddish-purple. 50 cts. each.

— **C. B. Van Nes.** Very large panicles of dark reddish-purple single flowers.

— **Japonica.** An elegant Japanese species, eventually forming a good-sized tree, flowers creamy white, odorless, produced in great panicles a month later than other sorts. 50 cts. each.

— **Mme. Casimir Perier.** The finest double white Lilac yet introduced. The individual flowers, which resemble miniature Tuberoses, as well as the truss, are of immense size, deliciously scented; fine for cutting. (See cut.) 50 cts. each.

— **President Grevy.** Magnificent panicles of large double blue flowers. 50 cts. each.

— **Souvenir de Louis Spæth.** Very large flowers of a deep purplish-red in immense compact trusses. 50 cts. each.

**Standard or Tree-shaped Lilacs.** We offer a good line of these on the opposite page.

**Tamarix Africana** (*Tamarisk*). Strong, slender, tall-growing, irregular Shrubs, with feathery foliage and small, delicate flowers, borne profusely on gracefully-bending branches. These pink flowers are very attractive during May. 25 cts. each.

— **Hispida Æstivalis.** A distinct variety with delicate, soft, pink sprays of flowers in July and August, a time when the shrubbery border is comparatively bare of flowers. 25 cts. each

— **Indica** (*East Indian Tamarisk*). Very strong-growing, with feathery plumes of pale pink flowers in late summer and autumn. 25 cts each.

**Vitex Agnus Castus** (*Chaste Tree*). A graceful Shrub, growing from 5 to 6 feet high, with dense spikes 6 to 8 inches long, of lilac-colored flowers late in summer. 25 cts. each.

**Xanthoceras Sorbifolia.** A pretty Shrub, producing racemes of pure white flowers with copper-colored streak at base of petals; one of the most interesting and beautiful of our very early-flowering Shrubs. 25 cts. each.

SYRINGA OR LILAC, MME. CASIMIR PERIER.

## VIBURNUMS.

Strong growing Shrubs, producing their flowers in spring, which in many cases are followed by showy fruit.

**Opulus** (*High Bush Cranberry*). The white flowers in June are followed in autumn by bright scarlet berries, which are very attractive until very late in winter. Strong bush plants, 25 cts. each; Standard or Tree-shaped plants, which will make fine individual specimens for the lawn or garden, 50 cts. each.

**Opulus Sterilis** (*Snowball or Guelder Rose*). The popular white Snowball, filled with large pendant balls of white flowers in May. 25 cts. each.

**Plicatum** (*Japan Snowball*). One of the choicest hardy Shrubs, with healthy dark foliage; the perfect balls of pure white flowers are borne in great profusion in May; a decided improvement on the old Snowball; very desirable. 50 cts. each.

**Lantana** (*Wayfaring Tree*). A tall-growing Shrub with large foliage, silvery underneath, and large clusters of white flowers in May, succeeded by bright red berries, changing to black. 50 cts. each.

## ☞ NEW VIBURNUM CARLESI.

A Japanese variety of recent discovery, bearing large corymbs of sweet-scented white flowers, resembling somewhat in shape a Bouvardia. The plant is of bushy habit and is a most valuable addition to the family. **Plants in 5-inch pots, $1.50 each.**

VIBURNUM PLICATUM (Japanese Snowball).

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**We will supply any of the Shrubs priced at 25 cts. each for $2.50 per doz.; $15.00 per 100.**

WEIGELIA

## WEIGELIAS.

Well-known, popular, free-flowering Shrubs, producing trumpet-shaped flowers of many shades of color during June and July. (See cut.)

**Amabilis.** A beautiful and distinct pink. 25 cts. each.

**Candida.** Fine pure white; flowers of large size. 25 cts. each.

**Rosea.** Soft rosy carmine. 25 cts. each.

**Rosea Nana Variegata.** A neat dwarf Shrub, valuable for the clearly defined variegation of green, yellow and pink in its leaves; very effective and useful; flowers delicate rose and pink; one of the finest variegated-leaved Shrubs. 25 cts. each.

**Eva Rathke.** The finest Weigelia in cultivation. A variety that is at once a remarkably free bloomer, flowering continuously throughout the summer and autumn; of an entirely distinct color, being a rich ruby-carmine, quite different from anything heretofore offered. 25 cts. each; $2.50 per doz.

## FOUR NEW WEIGELIAS.

A distinct early flowering type which develop their flowers early in May.

**Bouquet Rose.** Large, well-expanded flowers of a bright rose color, the base of the flower striped pale yellow.

**Fleur de Mai.** Soft rose-colored flowers marbled on the outside with purplish rose.

**Floreal.** The earliest flowering, large trusses of tender-rose flowers marked carmine in the throat.

**Le Printemps.** Very free-flowering, delicate flesh-pink.

Strong plants of the 4 new sorts, 50 cts. each. Set of 4 sorts, $1.50.

# HEDGE PLANTS.

## OSAGE ORANGE.

This is still used extensively on farms and along highways, but is seldom used in private gardens. It makes a strong and defensive hedge that will turn cattle; should be planted in double rows 6 to 9 inches apart in the row. Strong selected two-year-old plants $1.50 per 100; $10.00 per 1000.

## ALTHEA (Rose of Sharon).

Strong, bushy plant, 24 to 30 inches high, in choice variety. $12.00 per hundred.

## BERBERIS THUNBERGII.

Where a low, dwarf, deciduous hedge is wanted, nothing equals this beautiful Barberry. It is of spreading habit, growing extremely thick right from the base, and requires but little pruning to keep it in shape. The leaves are small light green, and towards fall assume rich, brilliant colors, the fruit or berries becoming scarlet; absolutely hardy in all parts of the country. Extra strong 3-year-old plants, 18 to 24 inches high, $2.00 per doz.; $15.00 per 100; $120.00 per 1000.

## CALIFORNIA PRIVET.

☞ **We call special attention to our two and three-year-old plants. They are exceptionally bushy this season and suitable to give immediate results.**

Of all ornamental hedge plants this is the most popular, and more of it is planted than all others combined. Its foliage is a rich dark green, and is nearly evergreen, remaining on the plant until midwinter. It is of free growth, and succeeds under the most adverse conditions, such as under dense shade of trees, where other plants would not exist.

To form a dense hedge from the base up the plants should be severely pruned the first two seasons. Plant the one-year-old size 8 inches apart in the row, the larger sizes 10 to 12 inches apart.

| | | Per 100 | Per 1000 |
|---|---|---|---|
| Strong, | 1 yr., 18 to 24 in. | $3 00 | $25 00 |
| Strong bushy, | 2 yr., 24 to 30 in. | 5 00 | 40 00 |
| " " | 2 yr., 30 to 36 in. | 6 00 | 50 00 |
| Selected " | 3 yr., 36 to 42 in. | 10 00 | 90 00 |

## ROSA RUGOSA (Ramanas Rose).

Both the red and white flowering forms of these beautiful Roses are fast becoming popular as hedge plants, their bright, glossy foliage, which appears to be insect-proof, together with the showy, large single flowers, which are followed by bright red fruits, making them particularly desirable plants for the purpose. Strong 2-year-old plants, $20.00 per 100.

CALIFORNIA PRIVET HEDGE.

In comparing prices on Shrubs and Hedge Plants, do not overlook that our prices include packing and are free-on-board Philadelphia.

# HARDY EVERGREEN SHRUBS.

To this class may be said belong the true aristocrats of the Shrub family, and while their wants, in the way of care, soil and location, are somewhat more exacting than their more democratic deciduous cousins, the little extra preparation necessary to develop them to their fullest beauty is more than repaid by the masses of bloom and by the abundance of the clean, cheery evergreen foliage which is so attractive during the winter months; and no matter how small your garden may be, there is sure to be a suitable spot for some of this interesting class.

## ANDROMEDA (Lily of the Valley Shrub).

Excellent for edging Rhododendron beds or for planting in conjunction with either the deciduous or evergreen hardy Azaleas.

**Floribunda.** A handsome dwarf species, upright panicles of nodding waxy-white flowers in May. $1.25 each; $12.50 per doz.

**Japonica.** Very rich dark evergreen foliage and drooping racemes of white blossoms of great beauty; very hardy. $1.25 each; $12.50 per doz.

## HARDY EVERGREEN AZALEAS.

These are among the showiest of dwarf spring-blooming Shrubs, and whether planted in masses or as single specimens their brilliant colors and free-flowering make them invaluable; they are especially suited to plant in conjunction with Rhododendrons, the dark green foliage of the latter furnishing a perfect background for them.

**Amœna.** This little gem is practically evergreen, and in late spring the plants are literally smothered with masses of rosy-crimson flowers.

| | | | |
|---|---|---|---|
| Bushy plants, 8 to 10 in. high, | 50 cts. each; | $5.00 per doz.; | $40.00 per 100. |
| " " 12 to 15 " " | 75 cts. " | 7.50 " | 60.00 " |
| " " 15 to 20 " " | $1.25 " | 12.00 " | 90.00 " |

**Hinodegiri.** An extremely hardy sort, growing about 2½ feet high and producing great masses of very bright, fiery-red, single flowers. Very desirable on account of its brilliant color. Strong plants, $1.25 each; $12.00 per doz.; $90.00 per 100.

**Japonica Alba.** A choice hardy variety, producing in late spring large, pure white flowers similar to the well-known Azalea Indica Alba. It is very free-flowering, and is valuable to plant in connection with high-colored Azaleas and Rhododendrons. (See cut.) Strong plants, $1.50 each; $15.00 per doz.

## CALLUNA (Heather).

Very handsome small Shrubs, well adapted for borders of evergreens or for sunny, stony or sandy slopes and banks with moist surroundings. Cut branches keep their lifelike appearance for months.

**Vulgaris Alba.** The true "White Scotch Heather," with long, erect racemes of pure white flowers; July to September.

— **Alporti.** Vigorous grower, with rosy-carmine flowers.

— **Elegantissima.** A handsome white-flowered sort, of pleasing and attractive habit.

Any of the above, 50 cts. each. One each of the 3 sorts, $1.25.

Azalea Japonica Alba.

Pyramid Boxwood.

## BUXUS SEMPERVIRENS (Boxwood).

The well-known common Boxwood, now so popular, not only for planting as individual specimens, but for vases, window boxes, and for the fine formal and decorative effects which can be produced by the many shapes into which this plant can be trimmed.

### Pyramid-shaped.

| | | | |
|---|---|---|---|
| 2½ feet high | $2.50 each. | 4 feet high | $6.00 each. |
| 3 " " | 3.00 " | 5 " " | 7.50 " |
| 3½ " " | 4.00 " | | |

### Standard or Tree-shaped.

| | |
|---|---|
| Good crowns, 14 to 16 inches in diameter | $2.00 each. |
| " " 16 to 18 " " " | 3.50 " |
| " " 18 to 20 " " " | 5.00 " |

### Bush-shaped.

| | | |
|---|---|---|
| 10 to 12 inches high | $4.00 per doz.; | $30.00 per 100. |
| 12 to 14 " " | 6.00 " " | 40.00 " " |
| 18 to 24 " " | | 1.00 each. |

### Boxwood Edging.

| | doz. | 100. | 1000. |
|---|---|---|---|
| Bushy plants, 4 to 6 inches high | $1.00 | $6.00 | $50.00 |
| " " 10 to 12 " " | 4.00 | 30.00 | |
| " " 12 to 15 " " | 6.00 | 40.00 | |

## Cratægus Pyracantha Lalandi.

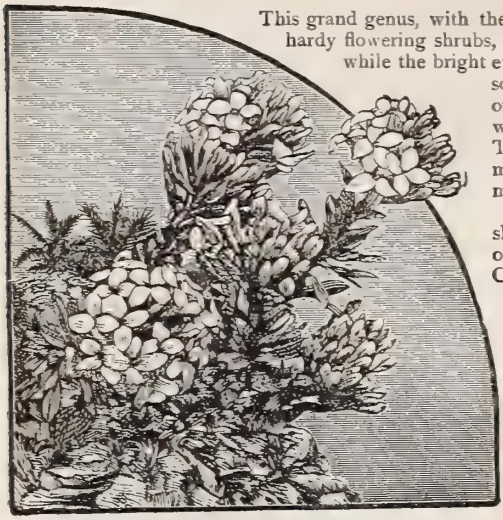
(Evergreen or Fiery Thorn.)

A most desirable variety, covered from early autumn and throughout the winter with brilliant orange-scarlet berries. 50 cts. each; $5.00 per doz.

## DAPHNE CNEORUM (Garland Flower).

A pretty dwarf, spreading shrub, 6 to 8 inches high, especially suited for planting on rockeries, producing beautiful bright pink sweet-scented flowers early in May. (See cut, page 254.) Strong pot-grown plants, 60 cts. each; $6.00 per doz.

## RHODODENDRONS.



DAPHNE CNEORUM. (Offered on page 253.)

This grand genus, with their huge clusters of flowers in beautiful colorings, stands unequalled among hardy flowering shrubs, and during the latter part of May or early June no flower is more gorgeous, while the bright evergreen foliage is attractive at all seasons. They require only a good garden soil, which should be dug at least 2 feet deep and well mixed with leaf mould or peat, and a somewhat sheltered situation, the north angle of a building, which the majority of other plants dislike, being one of their favorite locations. They delight in an ample supply of water during their growing season, but must have perfect drainage. During the summer a mulch of any loose, light material is beneficial, and a protection of leaves or brush through the winter.

To allow the next season's flower buds to develop, the old flower heads should be carefully removed after they are faded. We offer but a limited list of hybrid varieties, which, however, is selected from the hardiest of the Catawbiense type.

**Album Elegans.** A fine white.
**Caractacus.** Purplish-crimson.
**Catawbiensis Alba.** Pretty blush.
**— Grandiflora.** Soft violet-mauve.
**Delicatissima.** Blush-white.
**Everestianum.** Light rosy-lilac.
**Fastuosum Fl. Pl.** Double lavender.
**General Grant.** Analine-red.
**Giganteum.** Crimson-rose.
**Roseum Elegans.** Bright rosy-lilac.

We can furnish any of the sorts in strong bushy plants well set with buds in the following sizes:

| | EACH | DOZ. | 100. |
|---|---|---|---|
| 15 to 18 inches high | $1.00 | $10.00 | $ 75.00 |
| 18 to 24 " | 1.50 | 15.00 | 100.00 |
| 24 to 36 " | 2.50 | 25.00 | 200.00 |

**Rhododendron Punctatum.** A distinct species of compact, spreading habit; fine for planting in exposed situations, being very hardy; in June the plant is literally covered with clusters of purplish-rose flowers. $1.00 each; $10.00 per doz.

## OSMANTHUS ILICIFOLIA.

A compact, dense Shrub, with stiff, spiny-toothed, shining leaves; thrives best in a partially shaded protected position. $1.00 each.

HARDY RHODODENDRON.

## EUONYMUS (Spindle Tree).

Upright or decumbent evergreen Shrubs, growing best in light, sandy soil; splendid subjects for seashore planting.

**Japonica aurea variegata.** A beautiful variety, with glossy, dark green foliage, bordered golden yellow. 50 cts. each.

**— Radicans** (*Creeping Euonymus*). A low, procumbent Shrub, with often climbing or trailing branches, which root along the ground, forming a desirable covering for rocky banks or rough walls. 25 cts. each; $2.50 per doz.; $18.00 per 100.

**— — Variegata.** The variegated form of above, with closer growth and smaller foliage, variegated with creamy-white and rose. Valuable to cover low walls or stone terraces, clinging like ivy; also as an edging plant, as it can be kept trimmed like box-edging. 15 cts. each; $1.50 per doz.; $10.00 per 100.

## ERICA (Heath).

Closely allied to the Heather, requiring the same general conditions.

**Cinerea.** A pretty, low, loose-growing sort, with medium large rose-colored flower bells.

**Mediterranea hybrida.** A handsome variety, with dark-red, nodding flowers very early in spring; useful also for forcing in pots.

**Tetralix Mackayi** (*Cross-leaved Heath*). Dwarf, with delicate pink flower bells.

**Vagans Alba** (*Cornish Heath*). Of compact growth, with upright clusters of pink flowers.

**— Rubra.** Similar to above, but with rosy-red flowers.

**Bruckenthalia Spiculifolia.** A Heath closely allied to the Erica family, with fine, needle-like leaves and light pink flower heads in June.

**Price,** any of the above, 50 cts. each; $5.00 per doz. Set of 6 sorts, $2.50.

## KALMIA LATIFOLIA.

(Mountain Laurel, or Calico Bush.)

Our native laurel, and one of the most valuable evergreen Shrubs, bearing in May and June clusters of pinkish-white flowers of great beauty. Strong cultivated plants, $1.00 each; $10.00 per doz.; $75.00 per 100.

## MAGNOLIA GRANDIFLORA.

A magnificent species, with handsome evergreen foliage, producing in June immense white delightfully fragrant flowers. While there are several fine specimens of this tree in the vicinity of Philadelphia, it is not considered reliably hardy north of Washington.

Pot-grown plants, 2 feet high, 50 cts. each.
" " 3 to 4 feet high, $1.00 each.

## MAHONIA AQUIFOLIA.

A dwarf Shrub, with shiny green prickly foliage and clusters of yellow flowers in May, followed by bluish berries. 35 cts. each.

# CHOICE CONIFEROUS EVERGREENS.

The Coniferous Evergreens are indispensable in all ornamental plantings. They impart a finish to the landscape by their quaint or symmetrical growth, and whether planted as single specimens on the lawn or grouped together in masses, the light green, golden or silver-blue colors of their foliage are beautiful, winter and summer alike. We offer below a short but select list of the hardiest and easiest grown varieties:

**Cryptomeria Japonica Lobbi Compacta** (*Dwarf Japan Cedar*). A handsome dwarf Japanese Conifera of pyramidal outline, resembling somewhat the well-known Araucaria Excelsa. Extremely hardy, and should be in every collection. Plants, 3 feet high, $2.50 each; 3½ feet high, $3.00 each.

**Cupressus Lawsoniana "Glory of Boskoop."** A beautiful evergreen, of compact habit and graceful, glaucous green foliage. Plants, 3 feet high, $1.50 each.

**Juniperus Chinensis Argentea Variegata.** An attractive medium-sized variety, with very dense, bluish-green foliage, interspersed with sprays of silvery-white. Plants, 3 feet high, $2.00 each.

**Picea Excelsa Inverta Pendula** (*Weeping Norway Spruce*). A variety with all the good qualities of the Norway Spruce, while the branches have a decided weeping or drooping tendency. Very distinct. Plants, 3 feet high, $2.50 each.

**Pseudotsuga Douglasi Glauca Elegans** (*Blue Douglas Spruce*). An improvement on the well-known Douglas Spruce. Foliage graceful and of a pale green color above, glaucous beneath. Plants, 3 feet high, $2.50 each.

**Retinispora Filifera** (*Thread-branched Japanese Cypress*). Of very graceful outline, with bright green foliage, particularly handsome on account of the ends of its shoots drooping in long filaments. Plants, 3½ feet high, $3.50 each.

**Juniperus Japonica Aurea** (*Japanese Golden Cedar*). A particularly sturdy-looking evergreen, perfectly hardy. The bright golden tips to the foliage form a pleasing and attractive contrast with the dark green background of the rest of the plant. Plants, 3 feet high, $2.50 each.

**Juniperus Pfitzerianus.** A beautiful new form, with graceful dark green foliage. We consider this one of the most substantial and attractive of the new evergreens. Plants, 2½ feet high, $2.50 each.

**Juniperus Virginiana Glauca** (*Blue Virginia Cedar*). A very ornamental variety, with rich, silvery-blue foliage; keeps color well throughout the entire year. One of our finest blue trees. Plants, 3 feet high, $2.00 each.

**Juniperus Virginiana Schotti.** More dense in growth than the common form, making a beautiful compact specimen, with rich green foliage. Plants, 2½ to 3 feet high, $2.00 each.

JUNIPERUS PFITZERIANUS.

**Retinispora Filifera Aurea.** Similar to the preceding but a dwarf grower, with the foliage beautifully tipped with golden yellow. Very rare. Plants, 1¼ feet high, $2.50 each.

**Retinispora Plumosa Aurea** (*Golden Japan Cypress*). One of the best of the golden coniferas, either as a specimen or for planting in masses; a medium grower, heavily branched, the whole plant very graceful. Plants, 3 to 3½ ft. high, $3.50 each.

**Taxus Baccata Fastigiata** (*Taxus Hibernica or Irish Yew*). One of the most useful of the slower-growing Evergreens, with erect branches, closely compressed, forming a perfect pyramid; leaves dark glossy green, spirally arranged around the branches, making a dense ornamental specimen. Plants, 4 feet high, $5.00 each.

**Taxus Cuspidata Brevifolia** (*Japanese Yew*). A graceful, hardy variety of somewhat upright habit. Foliage very dark green. Plants, 1½ feet high, $2.00 each.

**Picea Pungens Glauca Kosteri.** The blue Spruce of Colorado, greatly improved. An indispensable addition to every estate. The attractive silvery-blue color stands out strongly against the green of all other shrubbery and evergreens. A healthy, vigorous grower. Plants, 1½ feet high, $2.00 each; 2 feet high, $3.00 each; 2¼ feet high, $4.00 each; 2½ feet high, $5.00 each.

**Picea Pungens Glauca Pendula** (*Weeping Blue Spruce*). A tree of exceptional merit, containing all the desirable features of the blue spruce, with distinct pendulous branches. Plants, 2½ feet high, $3.50 each.

**Picea Alcockiana** (*Alcock's Spruce*). An attractive pyramidal tree. Foliage, dark green above and silvery beneath, giving the whole a variegated appearance. Plants, 3 feet high, $2.50 each.

**Picea Omorika.** Foliage silvery underneath, giving it a unique and attractive appearance. Strong grower. Plants, 1½ feet high, $1.50 each.

**Picea Omorika endula.** Same as the preceding, with drooping branches. Plants, 1½ feet high, $1.50 each.

**Thuya Occidentalis Rosenthali.** Foliage dark green and dense. A compact grower. Plants, 3 feet high, $2.50 each.

**Thuya Occidentalis Lutea** (*Geo. Peabody's Golden Arborvitae*). Extremely attractive, having bright yellow foliage at the terminals of the branches, which give the whole plant a golden appearance. Plants, 3½ feet high, $2.50 each.

**Thuya Orientalis Aurea Nana** (*Dwarf Golden Chinese Arborvitae*). Of very dwarf and compact habit; a perfect gem where a dwarf tree is desired. The foliage, which is arranged in flat vertical leaves, is a decided pretty golden-yellow. Fine specimens, 15 to 18 inches high, $1.00 each.

**Thuyopsis Standishi.** A strikingly distinct evergreen, of somewhat irregular but graceful habit, tending to pyramidal form. Foliage is of a rich, dark green color. Perfectly hardy. Plants, 3 feet high, $2.00 each.

**Araucaria Imbricata** (*The Monkey Puzzle*). A well-known tree of striking aspect. The branches are horizontally arranged in whorls; the leaves, of a bright shining green, stiff, leathery and sharp-pointed, closely encircle both the branches and trunk, giving the tree a very quaint and ornamental appearance. Requires protection north of Washington, D. C. Plants, 2 feet high, $2.50 each.

# Select List of Hardy Climbing Plants.

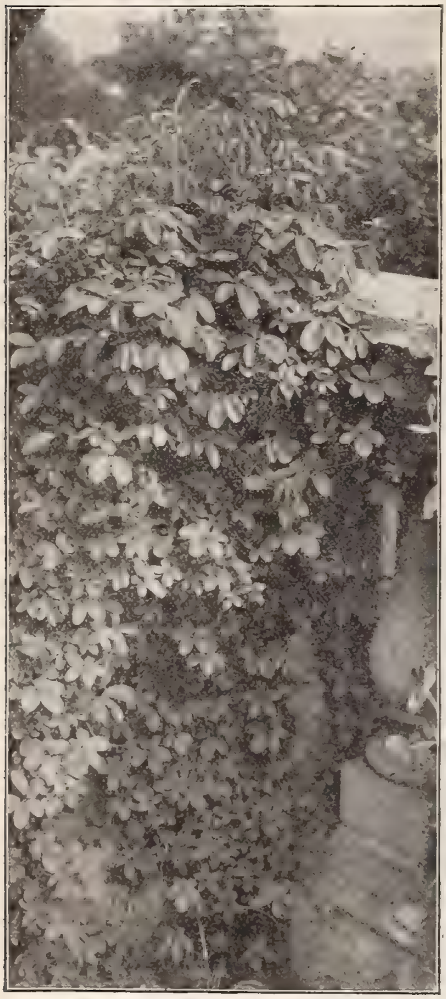
☞ All orders for Hardy Climbing Plants will be forwarded on receipt, or as soon as they can be dug, unless instructed to the contrary. ☜

## ACTINIDIA ARGUTA (The Silver Vine).

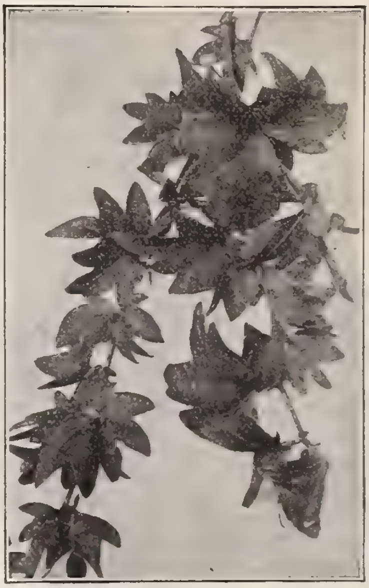
A desirable Japanese climber of strong, vigorous growth, with dark green, shining foliage and white flowers with purple centres, which are followed by clusters of edible fruit. An excellent plant for covering arbors, trellises, etc., where a rapid and dense growth is desired. Strong plants, 50 cts. each; $5.00 per doz.

## ACTINIDIA CHINENSIS.

A valuable climber recently introduced from Central China, with large orbicular foliage of a dark green on the upper surface, densely tomentose beneath, and when young thickly covered with bright red hairs, which give them a beautiful velvety appearance. In its native habitat it bears handsome yellow flowers 1½ inches across, borne in clusters on short stems; these are succeeded by edible fruit the size of a walnut, with gooseberry flavor. As far as we know, the plant has not yet flowered under cultivation; but aside from that, it is a remarkably handsome and rapid-growing ornamental climber and of great value for covering arbors, pergolas, etc. (See cut.) $1.00 each.



Akebia Quinata.



Ampelopsis Lowii.

## AKEBIA QUINATA.

(Akebia Vine.)

One of the most graceful of our hardy climbers, with deep green, small foliage, and producing in early spring numberless bunches of violet-brown flowers, which have a pleasant cinnamon odor; most desirable for positions where a dense shade is not required. Strong plants, 25 cts. each; $2.50 per doz.; $15.00 per 100.

## APIOS TUBEROSA.

A valuable hardy tuberous-rooted climber, resembling in miniature the common Wistaria in vine and foliage, and having clusters of rich, deep purple flowers, which have a strong delicious violet fragrance. They grow to a heighth of 8 to 10 feet, and bloom profusely. Pant 2 to 3 bulbs near together to produce a mass of vines and flowers. 5 cts. each; 50 cts. per doz.

☞ NEW JAPANESE IVY.

## AMPELOPSIS LOWII.

Since the introduction of the popular Ampelopsis Veitchi or Boston Ivy, over forty years ago, no other plant of a similar self-clinging habit has been introduced, and we believe that this new variety, which possesses all of the good points of Ampelopsis Veitchi, will be a welcome addition.

Like Ampelopsis Veitchi, it clings to the smoothest surface without support. It is of equally rapid growth and perfectly hardy, but the foliage is much smaller and deeply cut, giving a grace and elegance not possessed by the old sort. In spring and summer the leaves are of a bright, fresh apple-green color, changing in the autumn to brilliant crimson and scarlet. (See cut.) Strong plants, 60 cts. each; $6.00 per doz.

Actinidia Chinensis.

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**Tender climbers, such as Cobaea, Passion Vine, Moonflowers, etc., are offered under the head of Garden and Greenhouse Plants.**

## AMPELOPSIS ENGELMANNI.

A variety of the Virginia Creeper with dense foliage of a glossy light-green in summer, changing to brilliant crimson in the autumn. On a rough stone surface it will cling without support in the same way as the Japanese Ivy. 35 cts. each; $3.50 per dozen.

## AMPELOPSIS VEITCHI.

**(Boston Ivy, or Japan Ivy.)**

The most popular and desirable climbing plant for covering brick, stone, or wooden walls, trees, etc.; when it becomes established at the root it is of very rapid growth, and clings to the smoothest surface with the tenacity of ivy; the foliage is of a rich olive green during the summer, changing to various shades of bright crimson and scarlet in the fall. In planting Ampelopsis of all kinds, the plants should be cut down to within 6 inches of the ground, so that the new growth may cling to the wall or tree from the bottom up. If planted out when 2 or 3 feet high, they would only cling from where the young growth started, leaving the base loose. (See cut.) Strong plants, 15 cts. each; $1.50 per doz.; $10.00 per 100. Extra strong plants, 25 cts. each; $2.50 per doz.; $18.00 per 100.

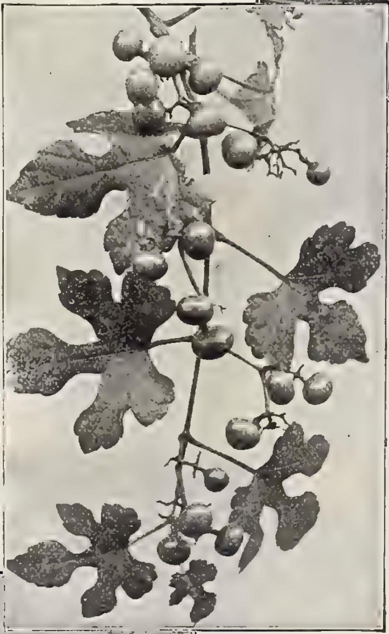
## Ampelopsis Quinquifolia.

**(Virginia Creeper, or American Ivy.)**

This well-known climber is one of the best for covering trees, trellises, arbors, etc.; its large, deep green foliage assumes brilliant shades of yellow, crimson and scarlet in the fall. Strong plants, 25 cts. each; $2.50 per doz.; $15.00 per 100.

**Books on Horticultural Subjects**
See list on inside of back cover.

Ampelopsis Veitchi.



Ampelopsis Tricolor.

## Ampelopsis Tricolor.

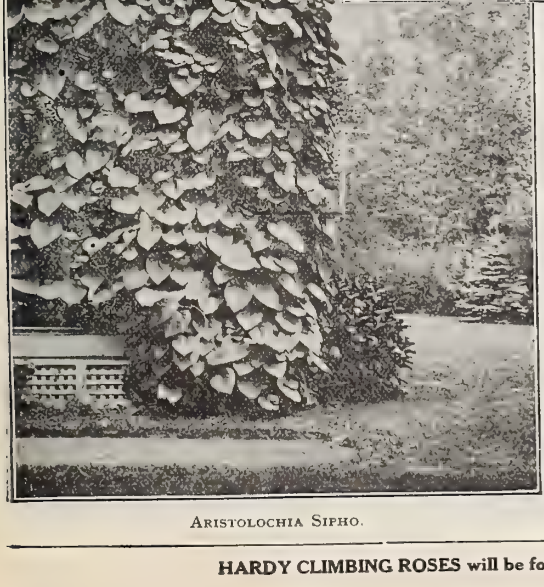
**(Vitis heterophylla variegata.)**

A beautiful and desirable climber, with fine dark green foliage, wonderfully variegated with white and pink; during the late summer and fall the plant is liberally covered with attractive small berries of a peculiar lustrous metallic peacock-blue color; highly useful for trailing over rocks or for a low trellis. (See cut.) 25 cts. each; $2.50 per doz.

## ARISTOLOCHIA SIPHO.

**(Dutchman's Pipe Vine.)**

A vigorous and rapid-growing climber, bearing singular brownish-colored flowers, resembling in shape a pipe. Its flowers, however, are of little value compared to its fine light-green leaves, which are of very large size, and retain their color from early spring to late fall; perfectly hardy. Strong plants, 50 cts. each; $5.00 per doz.



Aristolochia Sipho.

## CELASTRUS SCANDENS.

**(Bitter Sweet or Wax Work.)**

One of our native climbing plants, of rapid growth, with attractive light green foliage and yellow flowers during June, which are followed in the autumn with bright orange fruit. 25 cts. each; $2.50 per doz.

## CINNAMON VINE.

**(Dioscorea Batatas.)**

A rapid-growing climber, taking its name from the peculiar fragrance of the delicate white flowers. The leaves are heart-shaped, bright glossy-green; growth is very rapid, often running 25 to 40 feet; quite hardy. Good roots, 5 cts. each; 50 cts. per doz.

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**HARDY CLIMBING ROSES will be found offered with other Roses on pages 175 to 193.**

Bignonia, or Trumpet Vine.

## BIGNONIA (Trumpet Vine).

For covering unsightly places, stumps, rock-work, or wherever a showy-flowering vine is desired, the Bignonias will be found very useful. The flowers are large, attractive and borne profusely when the plants attain a fair size.

**Grandiflora.** Large flowers of orange-red. 50 cts. each; $5.00 per doz.

**Radicans.** Dark red, orange throat, free blooming and very hardy. 25 cts. each; $2.50 per doz.

## ☞NEW YELLOW TRUMPET VINE, BIGNONIA HUNTERI.

A strong growing, very free-flowering variety with large chrome-yellow flowers, entirely distinct and a valuable addition to the list of summer flowering hardy vines. Ready in April. 50 cts. each.

## CLEMATIS INTEGRIFOLIA DURANDI.

A plant of more than usual interest and merit. A cross between the small herbaceous *C. integrifolia* and *C. Jackmani;* of semi-climbing habit, growing about 6 feet high and producing without intermission from June until late in fall showy indigo-blue flowers of great substance, 3 to 3½ inches in diameter; a decided acquisition. 50 cts. each; $5.00 per doz.

## LARGE-FLOWERING CLEMATIS

No other climbing plant equals in attractiveness the beautiful large-flowering Clematis. Their requirements are somewhat different from most other plants and proper conditions must be given to secure satisfactory results. They need rich, deep soil, perfect drainage, abundance of water, and, most important of all, they should be planted with the crowns three inches beneath the surface of the soil. They seem to do best in a position where they will not be exposed to the full sun during the hottest part of the day.

☞ *We are careful to send out only perfectly healthy stock, and cannot entertain any complaints on account of non-success with this class of plants.*

**Anderson Henryi.** Creamy white, large.
**Boskoop Seedling** (Sieboldi). Extra large lavender.
**Duchess of Edinburgh.** Double pure white.
**Jackmani.** The popular rich purple variety.
**Mme. Baron Veillard.** Light rose, with lilac shading.
**Ville de Lyon.** Bright carmine, the nearest to a red.
**Price:** Any of the above, 40 cts. each; $4.00 per doz. One each of the 6 sorts, $2.00.

## HYBRID COCCINEA CLEMATIS.

An entirely distinct type, the result of crosses between *C. coccinea* and *Star of India*, combining all the good points of their parents in hardiness, vigorous growth and freedom of bloom, which, together with their novel coloring and shape, make them desirable additions.

**Countess of Onslow.** Bright, violet-purple, with a broad band of scarlet through the centre of each petal; of open, bell-shaped form.

**Duchess of Albany.** A beautiful bright pink; deeper down the centre, softening to lilac pink round the margin; campanulate in shape.

**Duchess of York.** A delicate and pleasing shade of pale pink, with a deeper tinge in the centre of each petal; of campanulate form.

Strong plants of the above, 50 cts. each; the set of 3 for $1.25.

Large-Flowering Clematis.

☞ **New Early Spring-flowering**

## Clematis Montana Grandiflora.

Of stronger growth than any other Clematis, and succeeds under the most adverse conditions, and is perfectly hardy. Its flowers, which resemble the Anemone or Windflower, are snow-white, 1½ to 2 inches in diameter, and frequently begin to expand as early as the last week in April, continuing well through May, and are produced in such masses as to completely hide the plant. The best of the early spring-flowering climbers. (See illustration.) Extra strong 2-year-old plants, 50 cts. each; $5.00 per dozen.

## CLEMATIS MONTANA RUBENS.

The latest addition to our list of climbers, identical in every way with the white-flowered variety described above, except in color, which is of a pleasing shade of soft rosy-red, a most desirable and novel color; requires protection. Strong plants, 75 cts. each.

## CLEMATIS PANICULATA.

**(Japanese Virgin's Bower.)**

This handsome hardy climber is one of the choicest and most satisfactory climbing flowering plants. Of strong, rapid growth, with small, dense, cheerful green foliage, and pure white, deliciously fragrant flowers which appear in the greatest profusion in August, followed by silvery, feathery seed-pods, which makes an attractive appearance until mid-winter. The plant succeeds in almost any position; not only is it well adapted to run up all kinds of supports, but is just as useful for planting among rock-work, sloping banks, covering graves, or, in fact, any position where a graceful vine or trailer is desired. (See cut.) Strong plants, 15 cts. each; $1.50 per doz.; $10.00 per 100; extra strong plants, 25 cts. each; $2.50 per doz.; $15.00 per 100.

## CLEMATIS COCCINEA.

Handsome bell-shaped flowers of a bright coral-red color, from June until frost. 25 cts. each; $2.50 per doz.

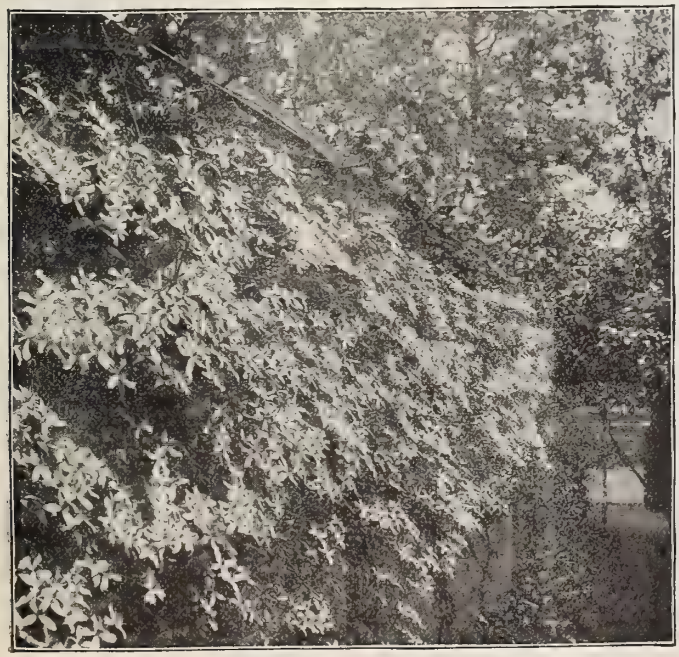
## CLEMATIS CRISPA.

Bears an abundance of pretty bell-shaped, fragrant, lavender flowers, with white centre, from June until frost. 25 cts. each; $2.50 per doz.

## CLEMATIS VIRGINIANA.

**(American White Clematis.)**

A remarkably strong-growing variety, attaining a height of 20 feet, and producing a profusion of white flowers in August. 25 cts. each; $2.50 per doz.



Clematis Montana Grandiflora.

Clematis Paniculata.

## EUONYMUS.

**Radicans Variegata** (*Variegated Creeping Euonymus*). A splendid evergreen creeping plant with pretty, small foliage, beautifully variegated deep green and white; a rather slow-growing but useful plant for covering low stone walls or stumps, or as an edging plant, for which purpose it can be kept closely clipped in the same manner as box edging. 15 cts. each; $1.50 per doz.; $10.00 per 100.

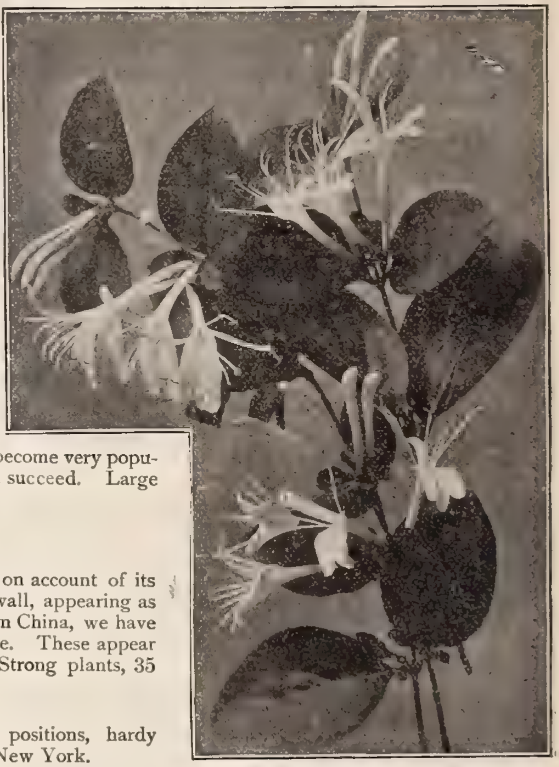
## HOP VINES (Humulus).

**Green-leaved** (*Humulus lupulus*). A useful climber for covering unsightly places. It is a rapid grower and bears a profusion of seed-pods suitable for many domestic purposes. 5 cts. each; 50 cts. per doz.; $2.50 per 100.

**Golden-leaved** (*Humulus lupulus aurea*). Identical with the above, except in foliage, which is of a bright golden-yellow. 15 cts. each; $1.50 per doz.

**CLIMBING ROSES are offered with other Roses, See pages 175 to 193.**

## HONEYSUCKLES.



HONEYSUCKLE.

**Chinese Evergreen** (*Woodbine.*) Red, yellow and white variegated flowers; very fragrant.

**Coral or Scarlet Trumpet.** Brilliant coral-red clusters of trumpet-shaped flowers throughout the summer and autumn. 50 cts. each; $5.00 per doz.

**Halliana.** Flowers pure white, turning to yellow; fragrant, hardy evergreen; flowers freely.

**Heckrothi.** Deep red flowers with yellow throat; in bloom continuously. 25 cts. each; $2.50 per doz.

**Variegated** (*Aurea Reticulata*). Foliage beautifully mottled yellow and green; succeeds in any situation.

**Yellow Trumpet.** Clusters of yellow trumpet-shaped flowers all season. 50 cts. each; $5.00 per doz.

**Price.** Any of the above, except where noted, as follows: Strong plants in 4-inch pots, 15 cts. each; $1.50 per doz.; $10.00 per 100. Heavy plants in 5-inch pots, 25 cts. each; $2.50 per doz.; $18 00 per 100.

## HARDY ENGLISH IVY.

Invaluable evergreen variety, used for covering walls, etc., and has become very popular for covering graves, especially if in the shade, where grass will not succeed. Large plants, 25 cts. each; $2.50 per doz.; $18.00 per 100.

### ☞ New Yellow Jasmine.

## JASMINUM PRIMULINUM.

The old-time favorite *Jasminum Nudiflorum* is especially admired on account of its early flowering, its flowers, in a sheltered position or against a warm wall, appearing as early as the middle of March. In this new variety, an introduction from China, we have almost a counterpart, excepting that its flowers are fully double the size. These appear simultaneously with the leaves. Not hardy north of Washington. Strong plants, 35 cts. each; $3.50 per doz.

## HARDY JASMINES.

The two varieties here offered are favorite climbers for sheltered positions, hardy south of Philadelphia. With protection, will stand out as far north as New York.

**Nudiflorum.** Fragrant yellow flowers. 25 cts. each; $2.50 per doz.

**Officinale.** Pure white, fragrant. 25 cts. each; $2.50 per doz.

LATHYRUS "WHITE PEARL."

## LATHYRUS (Hardy Everlasting Pea).

One of the best and most desirable flowering hardy climbing plants, attractive both in flower and foliage, growing to a height of 8 to 10 feet, and producing clusters of large flowers the entire summer; fine for cutting, lasting well.

**Latifolius.** Deep rosy red. } 15 cts. each; $1.50 per doz.
**— Albus.** Pure white.

## ☞ New Hardy Everlasting Pea "WHITE PEARL."

A magnificent pure white variety, with individual flowers fully double the size of the ordinary sort. These are produced in really gigantic trusses, and are of the purest white and in bloom throughout the entire summer and early fall. A valuable acquisition that is already very popular. Strong roots, 25 cts. each.

## LYCIUM BARBARUM.

(Matrimony Vine.)

A very ornamental shrubby climber, which on account of its ability to adapt itself to all conditions, has appropriately been called a "general utility vine," of strong growth, bearing small purplish flowers in summer, followed by a prodigious crop of scarlet berries, which remain on the vine until late in winter. 25 cts. each; $2.50 per doz.

## MADEIRA OR MIGNONETTE VINE.

A beautiful and popular vine, covering a large space in a short time. Fleshy heart-shaped leaves of a light green, and numerous racemens of feathery flowers of delicious fragrance. Protect with litter in this latitude. 5 cts. each; 40 cts. per doz.; by mail, 10 cts. per doz. extra.

## HARDY MOONFLOWER (Ipomoea Pandurata).

This is one of the most rapid-growing vines. A root of three or four years planted will send up a number of strong shoots that climb rapidly to a heighth of 30 or 40 feet. These shoots branch freely from the ground up, forming a perfect network of strong branches, covered with large deep-green, heart-shaped leaves, which overlap each other, forming a dense screen. The flowers, which are very large, are satiny-white, with a pinkish-purple throat. 10 cts. each; $1.00 per doz.

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TENDER CLIMBERS, such as Cobaea, Passion Flower, Ipomoeas, etc., are offered under the head of Garden and Greenhouse Plants.

Polygonum Baldschuanicum.

## VITIS HENRYANA.

A recent introduction from China, with foliage in general outline similar to, but not as large as that of our native Virginia creeper, the leaves being much heavier and of greater substance and prettily variegated. The ground color is a deep velvety-green, the midrib and principal veins of silvery white. This variegation is most pronounced in the autumn, when the green ground color changes to red, the white marking not changing color. 75 cts. each; $7.50 per dozen.

## VITIS HUMULIFOLIA.

A rapid growing hardy climber with dark green hop-vine like leaves which are absolutely insect and disease proof. Always presenting a clean, fresh appearance, in late summer and fall the plant is loaded with pea-like berries, which are very attractive in the various stages of ripening, passing through many shades of blue and purple, finally turning blue-black. Ready April 15; 25 cts. each.

## CHINESE WISTARIA.

One of the best of all hardy climbers. When given a sunny situation and liberal manuring it grows rapidly, and presents when in bloom a magnificent appearance.

**Sinensis.** The favorite variety, producing thousands of pendulous clusters of delicate violet-blue blossoms, richly perfumed. Strong plants, 50 cts. each.

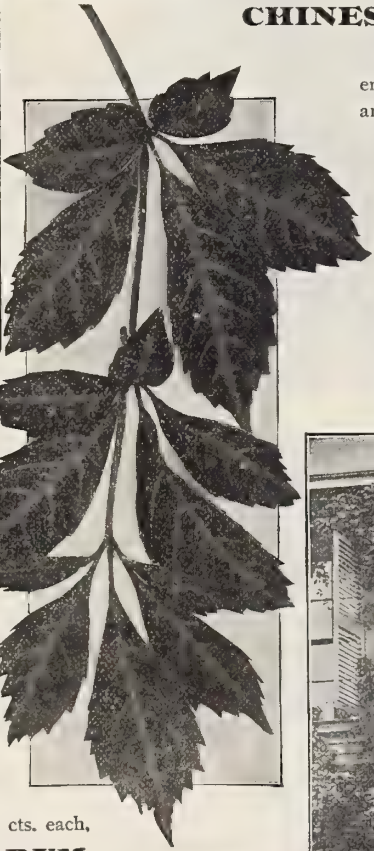
— **Alba.** Of similar habit to Sinensis, with pure white flowers. Strong plants, 50 cts. each.

## POLYGONUM AUBERTI.

A splendid climber, much on the style of *P. Baldschuanicum*, but of stronger growth and smaller foliage. After it becomes established it is very vigorous, and a three year or older plant, with its mass of feathery white flowers, is a pleasing sight during late summer and autumn. Strong plants, 75 cts. each.

## POLYGONUM BALDSCHUANICUM.

This beautiful hardy, woody, twining plant first offered by us in 19 0 is still comparatively rare. We consider it one of the most interesting and showy hardy climbers. Its white flowers are borne in great feathery sprays at the extremities of the branches throughout the summer and fall. Strong plants, 50 cts. each.



Vitis Henryana.

## POLYGONUM MULTIFLORUM.

A very desirable climbing plant, which seems peculiarly adapted to our climatic conditions. It is of strong, rapid, but not coarse growth, frequently attaining a height of 15 to 20 feet in one season. Its bright green heart-shaped leaves are never bothered by insects, and during September and October it produces masses of foamy-white flowers in large trusses from the axil of each leaf. 25 cts. each; $2.50 per doz.

## PUERARIA THUNBERGIANA.

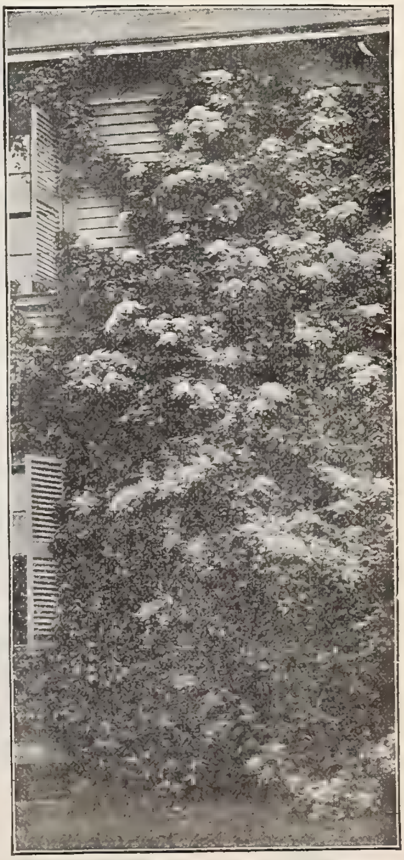
**(Kudzu Vine.)**

The most rapid growing vine in cultivation, attaining, after once being established, a height of 50 feet or more in one season. Its foliage is large, and furnishes dense shade; it bears small racemes of rosy-purple, pea-shaped blossoms towards the close of August. 25 cts. each; $2.50 per doz.

## SCHIZOPHRAGMA HYDRANGEOIDES.

**(Climbing Hydrangea.)**

Although introduced from Japan in 1879, this grand climber is still rare. It is one of the most interesting of our hardy climbers. Its flowers, which are borne in large trusses, are similar to a white Hydrangea, and when in flower, during July and August, makes a handsome display. One of the best flowering vines for planting against a tree or wall, as it clings naturally to any rough surface. (See cut.) A limited stock of strong plants, $1.00 each.



Schizophragma Hydrangeoides.

**STRONG HARDY ROSES FOR THE GARDEN is one of our Specialties. See pages 175 to 193.**

# SELECTED SMALL FRUITS.

☞ *All orders are forwarded on receipt unless otherwise instructed.* ☜

While the list of Small Fruits offered on this and the next page is short, yet it is very select, only the very finest sorts being offered. We think this is better than offering a long list, many of which would be of doubtful value.

*We do not handle Fruit Trees, such as Apples, Pears, Cherries, etc.*

Rathbun Blackberries.

## BLACKBERRIES.

Blackberries respond generously to good treatment. They prefer a deep soil, inclining to sand, but will grow and fruit almost anywhere.

**Early Harvest,** **Kittatinny,** **Rathbun,**
50 cts. per doz.; $3.00 per 100.
**Erie,** **Snyder,** **Wilson Junior.**

**Price:** Any of the above (except Rathbun), 50 cts. per doz.; $2.50 per 100; $15.00 per 1000.

*If wanted by mail, add 10 cts. per doz. for postage.*

## FRENCH PRESERVING CURRANT "BAR-LE-DUC."

Anyone fond of currant jam will welcome this new white variety, if only for the reason that the fruit is almost seedless, beside which it has a flavor not approached by any other sort. For a number of years the entire stock was under the control of a French company manufacturing the jam known as Confiture de Bar-le-Duc, which sold in France at double the price of other jams. Strong two-year-old plants, [illegible]0 cts. each; $3.00 per doz.

## GENERAL LIST OF CURRANTS.

Currants do well in partial shade, but require rich soil and good culture. The following are the very best sorts, and are supplied in strong two-year-old plants.

**Cherry.** Deep red.

**Fay's Prolific.** Color rich red; the leading variety for home use.

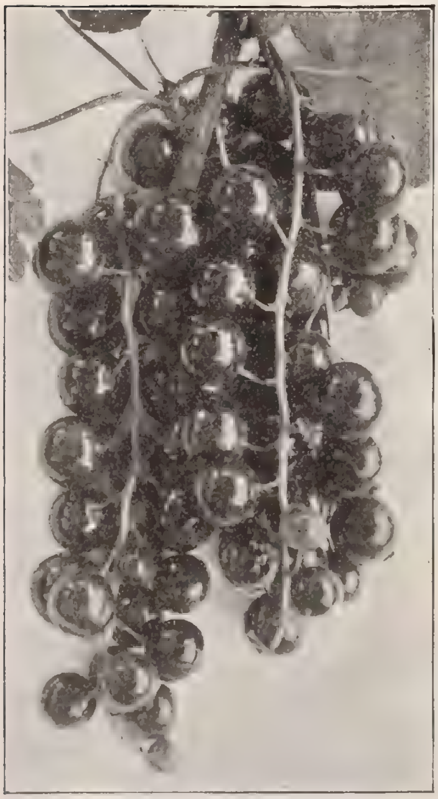
**Lee's Black Prolific.** The favorite sort for preserving.

**Perfection.** A new red variety which promises to eclipse all other sorts, combining size, color, high quality and productiveness in a superlative degree; has been awarded two gold medals. 15 cts. each; $1.50 per doz.; $12.00 per 100.

**White Grape.** Best white variety.

**Wilder.** A new red variety; fruit large, of fine flavor and a great yielder.

**Price:** Any of the above (except where noted), 10 cts. each; 75 cts. per doz.; $6.00 per 100. *If wanted by mail, add 20 cts. per doz. for postage.*



Perfection Red Currant.

## GOOSEBERRIES.

Gooseberries demand rich soil and good culture. A heavy manure mulch around the bushes during the heat of summer will largely prevent mildew. We offer strong two-year-old plants.

**Industry.** Of English origin; succeeds admirably in this country, bearing immense crops of large, reddish berries. 20 cts. each; $2.00 per doz.; $15.00 per 100.

**Red Jacket.** Of American origin, possessing all the good qualities of the English type, and withstanding our severe climatic conditions with impunity. A wonderful cropper, with clean, healthy foliage. 15 cts. each; $1.50 per doz.; $10.00 per 100.

**The Pearl.** Fruit of large size; color pale green and of excellent quality, either as a dessert fruit or for cooking. 15 cts. each; $1.50 per doz.; $10.00 per 100.

*If Gooseberries are wanted by mail, add 20 cts. per doz. for postage.*

Gooseberry

**Select List of Small Fruits is continued on next page.**

## Select Dozen Hardy Grapes.

**Agawam** (*Rodgers' No.* 15). Large, dark red, sweet.
**Brighton.** Resembles Catawba, with richness of the Delaware.
**Campbell's Early.** An improved Concord; very early.
**Catawba.** Red; sweet and rich, with pleasant musky flavor.
**Concord.** The most popular black grape; succeeds everywhere.
**Delaware.** Light red, sweet, sprightly; fine flavor.
**Lindley** (*Rodgers' No.* 9). Large, black, good quality.
**Moore's Diamond.** Delicate greenish-white, with rich yellow tinge. Prolific, early and hardy; of fine quality.
**Moore's Early.** Large, black; good quality.
**Niagara.** Berries large, light greenish-white, slightly ambered.
**Pocklington.** Bunch and berry large, golden-yellow.
**Worden.** Black, hardy, healthy; of fine quality.

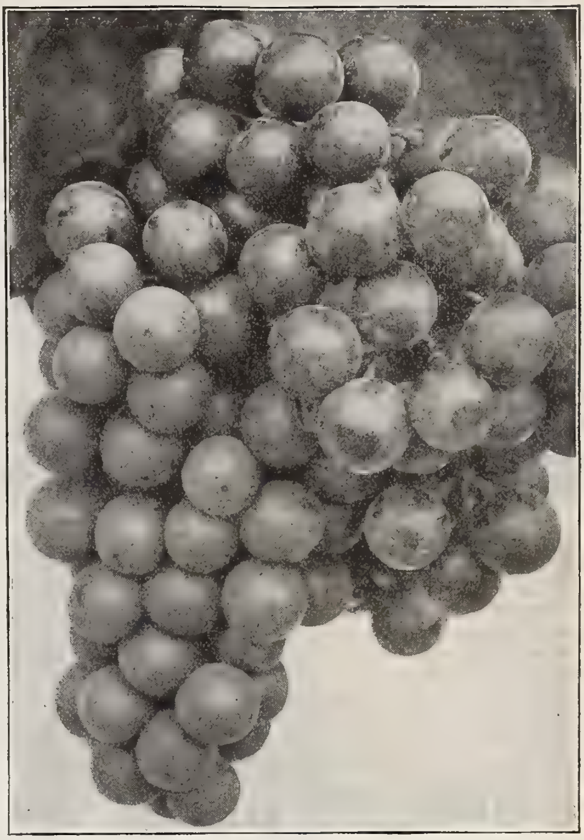
**Price:** Strong selected two-year-old vines, 25 cts. each; $2.50 per doz.; $15.00 per 100.

## RASPBERRIES.

Raspberries will succeed in any soil that can grow good corn, but respond quickly to liberal treatment; for best results the old wood should be cut out just as soon as the crop has been gathered; this will give more vigor to the young canes for next year's bearing.

**Columbian.** Large, dark red, strong, robust and productive.
**Cumberland.** A new black cap of exceptionally large size; of extra fine quality.
**Cuthbert.** Large, deep, rich crimson.
**Gregg.** Large black.
**Kansas.** One of the best and largest black caps.
**Marlboro'.** Bright crimson.
**Ruby.** An extra large red of fine flavor and very early.
**Souhegan, or Tyler.** Jet black, of medium size.

**Price:** Any of the above, 50 cts. per doz.; $3.00 per 100; $20.00 per 1000. If Raspberries are wanted by mail, add 10 cts. per doz. for postage.



Hardy Grapes.

## SIX SUPERB NEW STRAWBERRIES.

**Abington** (*Mid-season, Perfect*). A large berry of excellent flavor, which has repeatedly won honors at the exhibitions of the Massachusetts Horticultural Society.

**Barrymore** (*Mid-season, Perfect*). The Massachusetts Horticultural Society in 1908 awarded this berry a silver medal and three first prizes, a most unusual record for a new berry in one season. Fruit very large, of regular, conical shape, and rich, dark, glossy color.

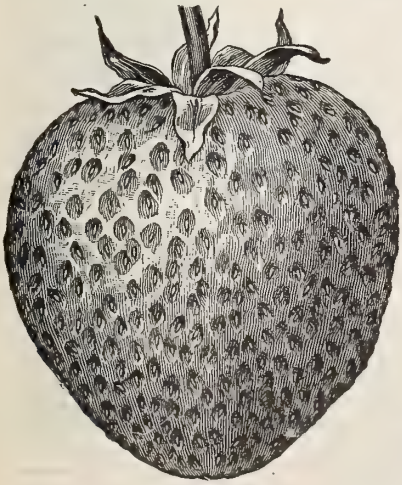
**Heritage** (*Mid-season to Late, Perfect*). Recommended as the most productive large berry of high quality yet introduced.

**Norwood** (*Mid-season to Late, Perfect*). A splendid berry of monstrous size, of regular, conical shape; quality unsurpassed; color bright red all the way through.

**The Cardinal** (*Late, Pistilate*). Very late, perfect in shape and color, of delicious flavor and aroma; a variety that is highly endorsed from many sections of the country.

**The Fendall** (*Mid-season to Late, Pistilate*). Exceptionally large and of delicious flavor; berries of very bright color.

**Price:** Any of the above six new sorts, in Layer Plants, 25 cts. per doz.; $1.50 per 100; $10.00 per 1000.



Strawberry.

## Select List of Standard Strawberries.

**Early Sorts.** Climax, Excelsior, Fairfield, Goldsborough, Marshall, Michel's Early, St. Louis.

**Mid-season Sorts.** Auto, Bubach, Clyde, Glen Mary, New York, Nick Ohmer, Sample, Sharpless, Wm. Belt.

**Late Sorts.** Brandywine, Commonwealth, Gandy's Prize, New Home, President.

**Price:** Any of the above Standard Sorts, in Layer Plants, 25 cts. per doz.; $1.00 per 100; $6.00 per 1000.

Raspberry.

Descriptive Catalogue of Strawberries is issued in June. Copies free on application.

# Water Lily Department.

View of one of our Ponds at Riverton showing Victorias and Tender Nymphæas.

All water, whether it be a lake, stream, pond, or even a small pool, seems to hold a certain charm for everyone, and, when this water is inhabited and beautified by aquatic plants and fish, it becomes fascinating. More especially is this the case when the plants are gorgeous tender Nymphæas and Nelumbiums, or the chaste and artistic hardy Water Lilies, and when we consider the ease with which these plants can be grown, there is no reason why every natural lake, pond and stream having the proper conditions, which are sunshine, still, warm water, and plenty of rich soil, should not be so beautified. Where stagnant pools exist, it becomes a hygienic necessity to stock same with plants and fish, for, as in the house aquarium, when properly balanced with plant and animal life, the water becomes, and will remain, pure and sweet, and in place of a mosquito and malaria-breeding pool we have a healthful and delightful aquatic garden. Aquatics given the same or similar conditions as those under which our native Water Lilies are found will grow luxuriantly and flower profusely the entire season, and will give more pleasure for the time and care expended in their cultivation than any other plants of which we know. The amount of flowers produced and space covered by a single specimen Nymphæa, even the rarer and more expensive varieties, become inexpensive, compared to the cost of the most ordinary bedding plants.

## HOW TO GROW WATER LILIES.

**Written by our own expert.**

**Soil and Location.** The best soil for growing all aquatics is the rotted vegetable matter from ponds or swamps, mixed with one-third well-rotted manure, and the best substitute for same is good, heavy loam enriched with one-third well-decayed cow manure. All Nymphæas and other flowering aquatics should be planted so that they will be exposed to full sunlight.

**Size and Construction of Ponds, etc.** In constructing artificial ponds where the soil is not sufficiently retentive to hold water, a good method is to smooth and pound firmly the bottom and sides of the excavation, then cover the whole with a layer of six inches of puddled clay, pounding it well with wooden mauls so as to bring it into one solid mass. Cover the sides with rough stones or put on a thin layer of concrete. This will prevent the sides from washing. When ponds are built of cement or concrete below the level of the ground, the top of wall should be built in a wedge shape and plastered smooth with cement, both inside and out. This will prevent, to a great extent, the frost heaving it during the winter months. A total depth of two feet is sufficient; one foot for soil and one foot for water, with an overflow so constructed that the pond can be entirely drained or the water held at any level desired. In constructing ponds, except when in connection with formal gardens and buildings, they should be of as natural an outline as possible, with here and there a clump of marsh-loving plants—a piece or two of rough rock-work, planted with rock plants—a clump of hardy Bamboo; hardy ornamental grasses; hardy herbaceous plants and specimen flowering shrubs, but always leaving open spaces from where the loveliest of all, the Water Lilies, can be seen and admired.

For those who have not the advantage of natural ponds or large artificial basins, there are many varieties which can be grown successfully in half-barrels or any water-tight receptacle having a diameter of two feet or more, but the greater the surface space the better will be the results.

Many of the Nymphæas and other aquatics, and all of the Nelumbiums can be successfully grown in half-barrels. To do this, fill the tubs half-full with aquatic soil, top-dressed with two inches of sand, allowing about six inches for water. Sink the tubs in the ground to within three inches of the top. When more than one tub is used a very ornamental effect can be produced by leaving a space between the tubs to be used as a miniature rock garden.

The following varieties will be found suitable for tub culture: Nymphæas, Aurora, Lucida, Marliacea chromatella, Odorata minor, Pygmæa, Pygmæa helvola, Zanzibariensis azurea and rosea, Acorus japonicus variegatus, Eichhornia crassipes major, Jussiæ longifolia, Limnanthemum indicum, Limnocharis Humboldti, Sagittaria Montevidiensis, Scirpus tabernæmontana zebrina.

**Depth and Supply of Water.** This may vary from a few inches to four feet, but all of the hardy Nymphæas will give better results if only covered by 12 inches of water during the summer months. For growing in water two feet or more deep, only the strong-growing varieties of Nymphæas should be chosen. Tender Nymphæas and Nelumbiums should not have more than twelve inches of water above the crown.

As all Water Lilies, and more especially the tender varieties, prefer still, warm water, it is a mistake to have any fountain or other continuous inflow of water in connection with artificial ponds or tanks, and in natural ponds, when such are fed with a large inflow of cold spring water, Lilies will not be a success. For artificial ponds and tanks it is best only to give enough fresh water to replace what is lost by evaporation, etc., and the best method of doing so is to give the ponds a good syringing from a hose late in the afternoon or early in the evening. The syringing, besides giving the necessary amount of fresh water, will be very beneficial to the plants, as it will keep in check green and black fly and keep the leaves free from dust.

Hardy Nymphæas can be planted at any time from April to September. The best results, however, will be obtained if the planting is done just as they start into growth, which in the vicinity of Philadelphia is about May 1st.

Tender Nymphæas will grow and luxuriate under the same conditions as the Hardy Nymphæas, but the more sheltered and warmer the location the better will be the results. When artificial heat can be introduced into the pond in early summer, the results will more than repay for the extra care and trouble.

Tender Nymphæas should not be planted until after the weather has become warm and settled, or at about the same time that such tender plants as Coleus, etc., are planted in the border. For those who have greenhouse accommodations it will be better to purchase dormant bulbs, which should be started into growth about April 1st by being potted into six-inch pots, placed in

**This article is continued on next page.**

# How to Grow Water Lilies—Continued.

shallow tanks 10 inches deep under clear glass, the water to be at a temperature of 70° to 80°. Under these conditions they will be extra large plants by planting time.

The best results will be obtained when planted in the natural mud bed, but if the water is too deep, construct boxes four feet or more square and eighteen inches deep, and place these in the pond twelve inches below the surface of water. In artificial ponds and cement basins cover the entire bottom with ten inches of soil, top-dressed with two inches of sand or gravel. If this cannot be done, use boxes or half-barrels filled with aquatic soil. In small tanks or ponds there should be from six to ten feet between each plant; in large ponds or lakes the best effects are secured by planting in groups of three or more plants of one variety to each group, allowing eighteen inches between each plant and from ten to twenty-five feet between each group, depending upon the size of the pond, location, etc. In planting Nymphæas, all that is necessary is to push the rhizomes into the soft mud, so that they will be merely covered, and it is a good precaution to place a stone on them until rooted, to keep them in place. When planting dormant rhizomes, they should only be covered with from two to three inches of water until they have made their first floating leaf; then gradually increase the water as the plants grow. When planting in natural ponds where the depth of the water is not under control, it is advisable to start the rhizomes in boxes or tubs. After they have made one or two floating leaves transplant into their permanent positions. There are more failures caused by planting dormant rhizomes in deep water ten inches or over than from any other cause.

Part of our Exhibit of Hardy Water Lilies at the Pan-American Exposition.

**Winter and Future Treatment.** Hardy Nymphæas and Nelumbiums need no care during the winter, provided the water is of sufficient depth so that it will not freeze to the crown of the plants. In cement tanks drain off all the water and fill in with leaves or cover with boards and leaves or litter. Tubs may be wintered by emptying the water and removing to a cool cellar or greenhouse, or they may be covered with leaves and soil in the garden in such a manner that they will not freeze. If grown in tubs or boxes the plants should receive a top-dressing of bone meal at the rate of one pound to each plant, just as growth starts in spring. It should be distributed evenly over the surface of the soil, and a little sand or fine soil spread over all to keep it from floating away. The second spring after planting it will be advisable to transplant all such plants as have made a strong growth. This should be done by washing away most of the soil from the roots, removing all side growths and replanting the strong roots into fresh soil as before. The side growths, if planted two or three together, will also make flowering plants the same season. Lilies which are grown in beds of soil or in natural ponds will be much benefited by an application in spring of Dried Blood manure, broadcasted on the surface of the water at the rate of one pound to every ten square feet of surface. Tender Nymphæas require to be wintered in tubs or tanks in a greenhouse where a temperature of 60° is maintained. As strong plants are quite troublesome to winter, even under favorable conditions, we advise to leave them out and get new plants each season.

**Nelumbiums.** These are supplied in tubers, and should not be planted before May 1st. The treatment is the same as recommended for hardy Nymphæas, excepting that they do best when planted in mud or soil that is at least two feet deep and covered only with six inches of water. When planted with other aquatics there should be partitions of brick or boards, so as to confine the tubers, otherwise they will soon take possession of the entire pond. In planting, place the tubers horizontally in the mud, so that the point will be merely covered. They are gross feeders, and should have Dried Blood manure applied each spring, as suggested above.

**Victorias** should not be planted in the open pond until after June 10th, unless the pond is sufficiently heated so that a temperature of 80° can be maintained, in which case the plants may be planted as early as May 10th. Each plant should have at least three cart-loads of aquatic soil for the roots, and 300 sq. ft. of water surface for the development of its leaves, and a depth of 18 inches of water above the crown of the plant. In other respects their requirements are the same as recommended for tender Nymphæas. In growing Victorias from seed, sow Victoria Regia at any time between January 15th and April 1st, in pots or pans, using finely-sifted soil. Cover the seeds with one inch of soil and a slight dusting of sand. Submerge the pots so that they will be four inches below the surface of the water, the temperature of the water to be maintained at 90° to 95°. After the seedlings have made two leaves, pot them singly into three-inch pots, using aquatic soil, and repot into larger pots as required. Seeds sown before February 15th should be in twelve-inch pots or pans by May 15th. The water temperature can be reduced to 80° after the first potting.

To successfully germinate Victoria Trickeri, cut a small hole with the point of a sharp knife through the shell on the opposite side from where the germ is, sow and give the same treatment as recommended for Victoria Regia. Victoria Trickeri seed will germinate in water at a temperature from 70° to 95°, and an atmospheric night temperature of 60° to 65° will be sufficient for both varieties. To maintain as high a temperature as required to germinate and grow Victorias, a metal tank is best. This should be placed in as light a position and as near the glass as possible. Enclose it below with a wooden case and use a lamp or gas-jet to give the desired uniform heat. All metal tanks, before being stocked with plants or seeds in pots, should have one inch of mud spread over the bottom. This prevents metals giving off injurious acids and gases.

**Submerged Plants.** All tanks, ponds or lakes should have submerged plants growing in them to aerify the water, thereby keeping it pure and sweet. The best plants for this purpose are Anacharis canadensis gigantea, Cabomba viridifolia, Sagittaria natans and Vallisneria spiralis. These can be planted in water from six inches to two feet deep.

**Enemies.** Greenfly and other insects on Nymphæas can be destroyed by a weak solution of kerosene emulsion applied only after sundown. Nelumbium caterpillars or borers can be kept in check and eventually exterminated by dusting the foliage once a week with slug shot. This should be applied early in the morning before the dew has evaporated, otherwise the powder will not adhere to the foliage. Never use kerosene emulsion on Nelumbiums. Musk-rats, the worst of all aquatic enemies, are easily kept in check by steel rat-traps, set in their diving holes or about two inches under water, where their runs enter the pond. Have the chain fastened to a stake driven into the mud well out in the water, so that when the trap is sprung the rat will not be able to reach the bank, or it will escape.

**Fish.** Fish should be in all ponds, from the smallest tub to the largest lake, as they will destroy all mosquito larvæ and other insects. In lily ponds gold fish are preferable, being both useful and ornamental, and, if fed regularly at one place and hour, they will soon become very tame, and will be found awaiting this expected meal, which may consist of a small quantity of rolled oats or cornmeal. A tub should have two fish in it, and twenty-five fish will be sufficient to stock a pond one hundred feet in diameter.

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**An article on Growing Water Lilies from Seed is given on page 125.**

# NELUMBIUMS.

No flowering plants, aquatic or others, are more worthy of cultivation than the Nelumbiums, and none can be cultivated more easily. If they never bloomed, their foliage alone would be enough to win the admiration of everyone. Their enormous leaves, of tender bluish green, held aloft on tall, flexible stalks, sway and wave in the slightest wind. But when this is crowned with a wealth of beautiful flowers, gigantic in size, exquisitely tinted, perfect in form, and with a perfume strong, yet delicate, it is easily understood why they hold the foremost place among aquatics.

Their culture is quite simple, requiring the same treatment as other hardy Water Lilies, which is fully given on pages 264 and 265.

Some varieties are slow in growth after transplanting, and it may be the second year before they flower; but the second and third seasons generally repay for any extra care or patience expended.

All Nelumbiums are suitable for tub culture.

*Nelumbiums can only be supplied in dormant tubers from May 1st to June 15th, after which date only such varieties as we can furnish in pots should be planted.*

**Album Grandiflorum** (*Syn. A. floribunda*). A grand white variety, whose purity, fragrance, size, majestic foliage and hardiness stamp it as one of the best. Dormant tubers. $2.50 each.

**Album Striatum.** The flowers of this exquisite variety are pure white, the edge of the petals irregularly striped and tipped rosy carmine, with distinct magnolia fragrance. Strong, vigorous grower. Dormant tubers, $2.50 each.

**Kermesinum.** Another distinct and charming variety, bearing flowers resembling the Hermosa Rose in color; the earliest flowering variety, blooming end of June in this section. Dormant tubers, $1.50 each; pot plants, $2.50 each

**Kinshiren.** Flowers white shaded pink; very free-flowering, coming into bloom early and continuing throughout the season. Dormant tubers, $2.50 each; pot plants, $3.50 each.

**Luteum** (*American Lotus Water Chinquepin*). A superb variety with yellow flowers; indigenous in the Western and Southern States. It has been introduced into the Eastern States, where, as a rule, it grows as freely as any native plant. Dormant tubers, $1.00 each; pot plants, $2.00 each.

**Osiris.** A beautiful, globular flower of a pure, deep rose, very rich and pleasing; early and free-flowering. Dormant tubers, $2.50 each; pot plants, $3.50 each.

Nelumbiums.

**Pekinensis rubrum.** This is the best dark-colored variety in cultivation; the flowers are brilliant rosy-carmine, 10 to 12 inches across, outer petals well reflexed, having the graceful form of *N. Speciosum;* foliage large and handsome; vigorous and free-flowering. Dormant tubers, $4.00 each; pot plants, $5.00 each.

**Pekinensis rubrum plenum.** Identical with the preceding, but with immense giant double pæony-flowered blooms. Dormant tubers, $5.00 each; pot plants, $6.00 each.

**Roseum.** Flowers of a uniform deep rose-pink. Dormant tubers, $2.50 each; pot plants, $3.50 each.

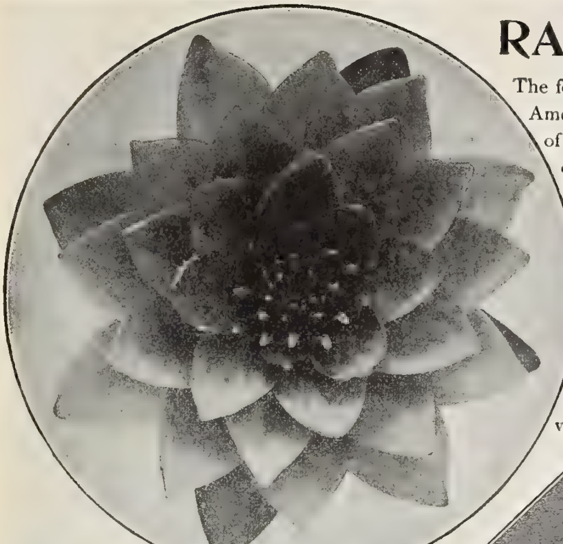
**Roseum plenum.** A magnificent variety, with large, full, double bright rose flowers. Dormant tubers, $2.50 each; pot plants, $3.50 each.

**Shiroman.** This superb variety is unquestionably the grandest ever introduced; the enormous flowers are snow-white, exceedingly double, and borne on stout stalks well above the foliage; it is a vigorous grower and very free-flowering, and equally as hardy as the well-known *N. Speciosum.* Dormant tubers, $3.00 each; pot plants, $4.00 each.

**Speciosum** (*Egyptian Lotus*). The well-known species. Its superb flowers and magnificent foliage produce a splendid sub-tropical effect. The flowers, which are about a foot across when fully opened, are of a deep rose color, creamy-white at base of petals; exquisitely fragrant. Dormant tubers, $1.50 each; pot plants, $2.50 each.

**We are large growers of Aquarium Plants. See list on page 274.**

# RARE HARDY NYMPHÆAS.



NYMPHÆA JAMES BRYDON.

The following sorts are the very choicest of the latest introductions of both American and European origin, and as we are now able to offer most of them at reasonable prices, they should be included in all collections of Hardy Water Lilies.

**Aurora.** A unique variety, flowers soft rosy yellow on first day changing to deep red on the third day; stamens orange; useful for growing in tubs. (See cut.) 75 cts. each.

**Fulva.** Flower yellow, shaded pink on first day, changing to orange-red; stamens orange; leaves blotched chestnut. $1.00 each.

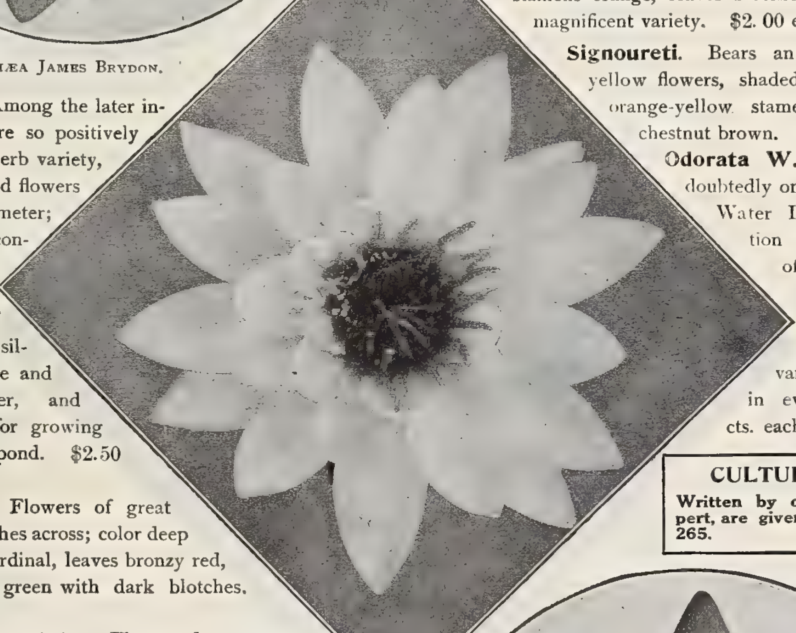
**Gloriosa.** A superb variety, flowers 4 to 6 inches across, of perfect form, petals concave; deep carmine-rose, becoming a very dark red late in the season; a very free and continuous bloomer. $5.00 each.

**Lucida.** A free grower and a good bloomer. Flowers large, star-shaped, rosy vermilion, darker centre, stamens orange, leaves blotched reddish brown; a magnificent variety. $2. 00 each.

**Signoureti.** Bears an abundance of pale yellow flowers, shaded pink and carmine, orange-yellow stamens, foliage spotted chestnut brown. $2.00 each.

**Odorata W. B. Shaw.** Undoubtedly one of the best hardy Water Lilies under cultivation and the finest pink of the odorata section, the color being a rich rose pink with clear yellow stamens. A variety that should be in every collection. 75 cts. each.

**James Brydon.** Among the later introductions none are so positively distinct as this superb variety, Beautiful cup-shaped flowers 5 to 6 inches in diameter; petals very broad, concave, incurving, color rich rosy crimson reverse of petals having a silvery sheen. A free and continuous bloomer, and just as desirable for growing in tubs as in the pond. $2.50 each.



NYMPHÆA W. B. SHAW.

**CULTURAL NOTES**

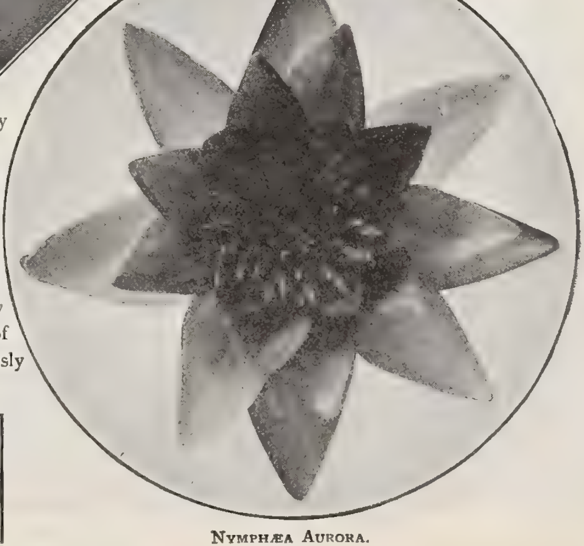
**Written by our Water Lily expert, are given on pages 264 and 265.**

**Marliacea Ignea.** Flowers of great substance, 4 to 5 inches across; color deep carmine, stamens cardinal, leaves bronzy red, changing to deep green with dark blotches. $5.00 each.

**Marliacea rubra-punctata.** Flowers deep rosy-purple, spotted carmine, stamens orange-red. A very choice variety, and a free, continuous bloomer. $5.00 each.

**Wm. Falconer.** The largest and most brilliant dark red hardy Water Lily in cultivation. The flower is from 6 to 7 inches across, of an intense bright garnet color, with a good ruby tone through it, intensified by the rich golden centre; leaves red, changing to deep green with reddish veins. $5.00 each.

**Wm. Doogue.** A magnificent Lily of chaste and delicate coloring, flowers 5½ to 6 inches in diameter, beautifully cup-shaped and of a pleasing shell-pink color, with royal-pink sepals. A very symmetrical and distinct flower of great substance, with petals of an extraordinary width; of free growth and flowering continuously throughout the season. $1.00 each.



NYMPHÆA AURORA.

During the season of 1910 we exhibited collections of Water Lily blooms at a number of Horticultural Shows. They were invariably the centre of attraction, and we were awarded many prizes, including a silver medal by the Massachusetts Horticultural Society at the show held in Boston, September 23rd.

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**A new book on Water Lilies and Aquatics, entitled, WATER GARDENING, by Peter Bisset, a practical grower. Price, $2.50, postpaid.**

## GENERAL LIST OF

# HARDY NYMPHÆAS.

**Alba.** The well-known white European Water Lily. Strong flowering roots. 50 cts. each; $5.00 per doz.

**Alba candidissima.** A very vigorous and desirable variety, much stronger than the type, requiring ample space; flowers large, pure white, sepals occasionally flushed with pink. An early and continuous bloomer. 50 cts. each; $5.00 per doz.

**Gladstoniana.** An extraordinary fine form of *N. Alba*, producing flowers 6 to 8 inches in diameter, of dazzling whiteness; petals concave, broad and spreading, stamens yellow. The plant is very robust, and requires plenty of space. 50 cts. each; $5.00 per doz.

**Laydekeri purpurata.** A most interesting variety of French origin; the flowers are of a rosy-crimson, darker in the centre, outer petals and sepals light rose, stamens reddish orange. $1.50 each; $15.00 per doz.

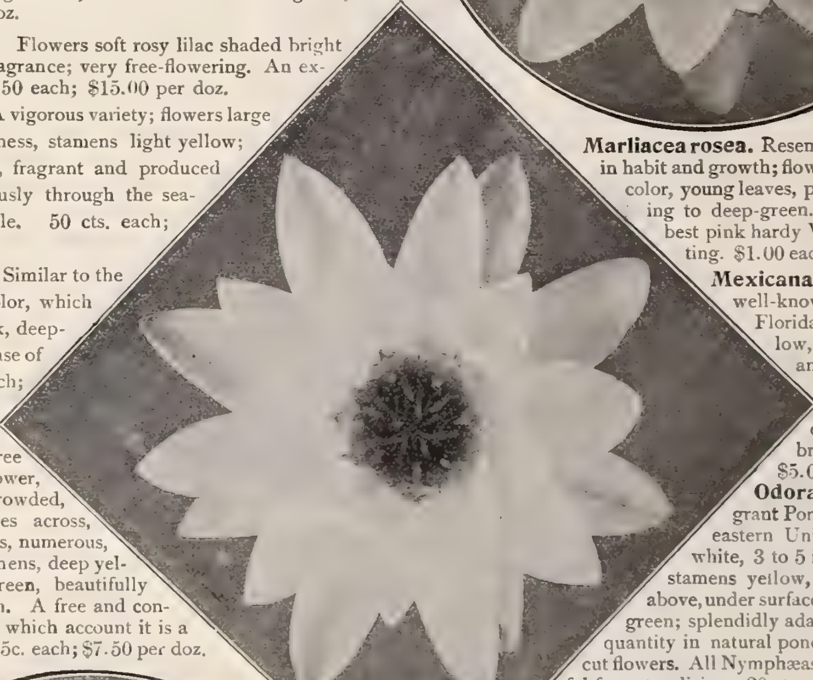
**Laydekeri lilacea.** Flowers soft rosy lilac shaded bright carmine, tea-rose fragrance; very free-flowering. An exquisite variety. $1.50 each; $15.00 per doz.

**Marliacea albida.** A vigorous variety; flowers large of sparkling whiteness, stamens light yellow; sepals flushed pink, fragrant and produced freely and continuously through the season. Very desirable. 50 cts. each; $5.00 per doz.

**Marliacea carnea.** Similar to the preceding save in color, which is of a soft flesh-pink, deepening towards the base of the petals. 75 cts. each; $7.50 per doz.

**Marliacea Chromatella.** A very free and vigorous grower, and should not be crowded, flowers 4 to 6 inches across, bright yellow, petals, numerous, broad, concave, stamens, deep yellow, leaves deep green, beautifully blotched with brown. A free and continuous bloomer, on which account it is a universal favorite. 75c. each; $7.50 per doz.

Nymphæa Marliacea Chromatella.



Nymphæa Gladstoniana.

**Marliacea rosea.** Resembles *N. M. carnea* in habit and growth; flowers large, deep rose color, young leaves, purplish-red, changing to deep-green. One of the very best pink hardy Water Lilies for cutting. $1.00 each. $10.00 per doz.

**Mexicana or Flava.** The well-known Water Lily of Florida, flowers pale yellow, 3 to 4 inches across, and standing 3 to 4 inches out of the water; leaves dark green, blotched brown. 50 cts. each; $5.00 per doz.

**Odorata.** This is the fragrant Pond Lily of the northeastern United States; flowers white, 3 to 5 inches in diameter, stamens yellow, leaves dark green above, under surface deep red to reddish green; splendidly adapted for planting in quantity in natural ponds for effect and for cut flowers. All Nymphæas of this type are useful for naturalizing. 20 cts. each; $2.00 per doz.

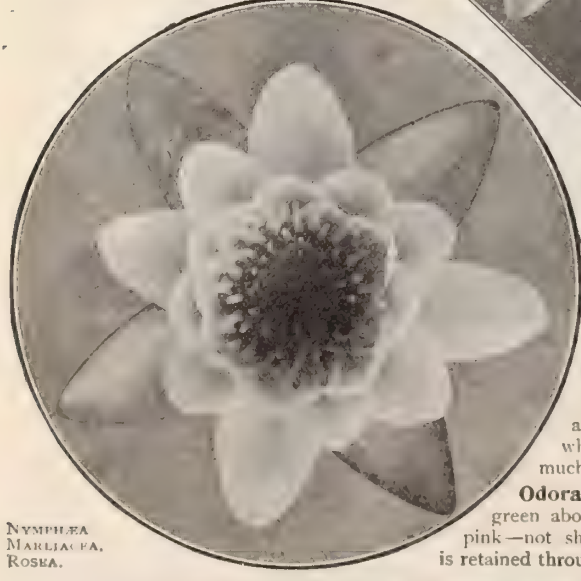
**Odorata Caroliniana.** A superb variety and highly recommended; stronger grower and larger than the type; leaves 12 inches across, green above, red-dish-green in young state, red beneath, flowers fragrant, 7 inches across; of a delicate rosy flesh color, stamens yellow. 75 cts. each.

**Odorata gigantea.** Rice field Water Lily of the southeastern United States; leaves large; 12 to 16 inches across, green, under side at times tinged purplish toward margin, edge often turned up, flowers 4 to 7 inches across, pure white. A superb variety. 20 cts. each. $2.00 per doz.

**Odorata minor.** A miniature form, growing in some sections in shallow water; also where water recedes entirely in summer. A dainty, fragrant, white flower, 2 to 3 inches across. Can be grown in a tub. 20 cts. each. $2.00 per doz.

**Odorata rosea** (*syn. N. Rubra*). The well-known Cape Cod Pink Pond Lily. Unfortunately this variety does not succeed under all conditions, and we advise planting *Tuberosa rosea* instead, which is very similar, but having a much stronger constitution and much freer flowering. 50 cts. each; $5.00 per doz.

**Odorata Luciana.** An exquisite variety of vigorous growth; leaves green above, reddish beneath; flowers 3 to 5 inches across, of a pure rosy-pink—not shaded or deeper at base of petals as in *N. o. rosea*—the self-color is retained throughout the season. $1.00 each.



Nymphæa Marliacea, Rosea.

**The cultural notes given on pages 264 and 265 give in brief all the points necessary for the successful cultivation of Water Lilies.**

NYMPHÆA TUBEROSA RICHARDSONI.

## HARDY NYMPHÆAS.

(Continued.)

**Odorata sulphurea.** One of the very best hybrid Nymphæas. The greatly fragrant flowers are sulphur-yellow, 4 to 5 inches in diameter, and standing 3 to 4 inches out of the water; leaves floating, as in the type, but blotched reddish on the under side, distinct. 50 cts. each; $5.00 per doz.

**Odorata sulphurea grandiflora.** Very similar to the foregoing. Plants more vigorous, with light-colored foliage. 75 cts. each; $7.50 per doz.

NYMPHÆA PYGMÆA.

**Pygmæa** (*syn. N. tetragona*). A gem. The smallest species in cultivation; leaves dark green above, with occasional brown blotching, reddish beneath; flowers white, with yellow stamens 1½ to 2½ inches across; very free-flowering, and very useful for growing in tubs. 75 cts. each; $7.50 per doz.

**Pygmæa Helvola** (*syn. N. tetragona Helvola*). Similar to the preceding, but with sulphur-yellow flowers; petals more pointed; leaves green, early stage reddish, blotched all over with brown; extremely free-flowering and well adapted for growing in large aquariums or tubs. 75 cts. each; $7.50 per doz.

**Robinsoni.** The large, floating flowers of this distinct and striking variety are difficult to describe, but may be said to have a ground color of yellow overlaid with purplish-red, the general effect being dark orange-red. The foliage is dark green, spotted with chestnut above, dark red on the under side. A fine variety, and should be in every collection. $1.50 each; $15.00 per doz.

**Tuberosa** (*syn. N. reniformis*). A native variety; the leaves, which are deep green, frequently stand 8 to 10 inches out of the water when crowded or grown in shallow water; flowers vary from 4 to 9 inches across, pure white, petals broad, concave, and produced in moderate quantity. The plant is a robust and luxuriant grower, spreading rapidly, and should not be planted in the same pond with moderate-growing varieties, or they may be crowded out. 20 cts. each; $2.00 per doz.

**Tuberosa maxima** (*N. odorata maxima of Gardens*). A form with round leaves; flowers medium to large, cup-shaped, pure white, with the strong aromatic fragrance of *N. odorata*. Very free-flowering. 20 cts. each; $2.00 per doz.

**Tuberosa rosea.** Flowers an exquisite shade of pink, standing above the water. A good, vigorous grower, without being rank; a free bloomer and much more desirable for general use than the Cape Cod Pink Pond Lily, which it closely resembles. 50 cts. each; $5.00 per doz.

**Tuberosa Richardsoni.** This variety should be included in every collection. Flowers pure white and quite double, the stamens being converted into petals which are more or less fluted in the centre. The flowers stand well above the water the sepals and outer petals drooping, forming a perfect globe. No variety in our Water Garden is admired by visitors more than this. The immense snowball-like flower, 8 inches in diameter, was declared to be the finest white Water Lily of all. (See cut.) 50 cts. each; $5.00 per doz.

## AQUARIUM PLANTS.

The large and increasing demand for plants for Aquariums has led us to make special provision to have an ample supply of these at all seasons of the year. See list on page 274.

NYMPHÆA TUBEROSA ROSEA.

**We offer the best of the Newer Hardy Water Lilies on page 267.**

### NIGHT-BLOOMING

## Tender Nymphæas.

**Note.**—*Tender Nymphæas should not be planted out until after the weather has become warm and settled, generally about June 1st in this latitude. Place your order for these plants early, and we will reserve them for you until proper time to plant out.*

This class is especially desirable for cutting, opening as they do soon after sunset and remaining open until near noon of the following day. The flowers open and close 3 or 4 days in succession, as do the Hardy Nymphæas.

**Bissettii.** This grand hybrid was raised from the same seed pod as *N. O'Marana*, and is undoubtedly one of the finest tender Water Lilies yet introduced. Produces freely flowers of the largest size—8 to 10 inches diameter—cup-shaped, quite double, of a beautiful glowing rosy-pink, borne on stout stems 10 inches above the water, leaves 18 to 24 inches across, of a glossy bronze red, much crumpled at the edge, giving the plant a very ornamental appearance.

Awarded a silver medal by the Newport, R. I., Horticultural Society and honorable mention by the Massachusetts Horticultural Society, at Boston, September, 1905. $2.50 each.

**Deaniana.** A strong and vigorous grower; leaves dark green, nearly bronze; much crumpled at margin; flowers pure, light pink; sepals deep rose-pink; stamens red. $1.50 each.

Nymphæa Bissetti.

**Dentata** (*N. ortigiesiana Planch*). Flowers white. measuring from 8 to 12 inches in diameter, opening out horizontally; leaves dark glossy green, heavily dentated. 75 cts. each; $7.50 per doz.

**Dentata Magnifica.** This handsome variety is distinguished from *N. dentata* by its broad sepals and petals and the cup shape of its creamy-white flowers, which are 10 to 12 inches across, leaves large, ovate dark green, under side dark reddish brown, margin slightly crumpled, of vigorous growth and very free-flowering. Awarded Certificate of Merit, Newport, R. I., Horticultural Society, and honorable mention by the Massachusetts Horticultural Society, at Boston, 1905. $2.00 each.

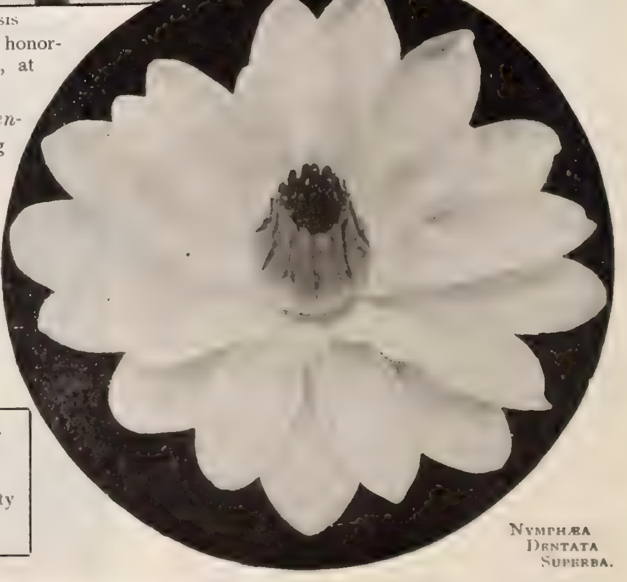
Nymphæa Devoniensis

**Dentata Superba.** A most decided improvement over *N. dentata*. Flowers pure white, 10 to 14 inches in diameter, opening out very flat; sepals and petals extra broad; leaves dark green, under side blotched with purplish-brown, vigorous and free-flowering. Awarded a Certificate of Merit by the Massachusetts Horticultural Society, at Boston, 1904. $2.50 each.

**Devoniensis.** This variety was the first hybrid of note, leaves 18 inches across, of dark bronzy green; under surface greenish-brown; flowers pure red, 6 to 10 inches in diameter; a universal favorite. 75 cts. each; $7.50 per doz.

### New Violet-blue Day-blooming Water Lily.

**Grossherzog Ernst Ludwig.** This splendid Novelty is described and offered on page 272.


Nymphæa Dentata Superba.

### NIGHT-BLOOMING

## Tender Nymphæas—Continued.

**Frank Trelease** (*Crimson Devoniensis*). This superb tender night-blooming Water Lily surpasses all other red varieties by the brilliancy and depth of the rich, glowing dark crimson of its flowers, which are identical in form to *N. Devoniensis*, 9 to 10 inches in diameter; stamens reddish-bronze, crimson at the base; foliage 15 inches across, dentated, of a glossy dark bronzy-red, resembling in color the foliage of Black Beauty Canna. $2.00 each.

**Geo. Huster.** This variety may be described as an intense colored O'Marana, the color being a particularly brilliant crimson; a vigorous grower and very free-flowering. $2.00 each.

**Jubilee.** Flowers 6 to 8 inches across, of glistening white, with delicate flush of pink at the base of the petals and sepals; leaves blotched with brown and crumpled at margin. $1.50 each.

**Kewensis.** Leaves dark green, slightly bronzy, with a few brown blotches; young leaves more spotted on surface. Light pink flowers 6 to 8 inches across. $1.50 each.

**Lotus** (*N. thermalis D. C.*). The White Lotus, leaves dark glossy green, 12 to 20 inches in diameter. Flowers white, the broad outer petals suffused pink; petals concave; flowers vary from 5 to 10 inches in diameter; a robust species. $1.50 each.

**O'Marana.** Leaves bronzy-green, deeply dentated; margin occasionally crumpled. Flowers of the largest size, 10 to 12 inches in diameter; petals pinkish red, with a nearly white streak up the middle; stamens orange. A vigorous grower and very free-flowering. $2.00 each.

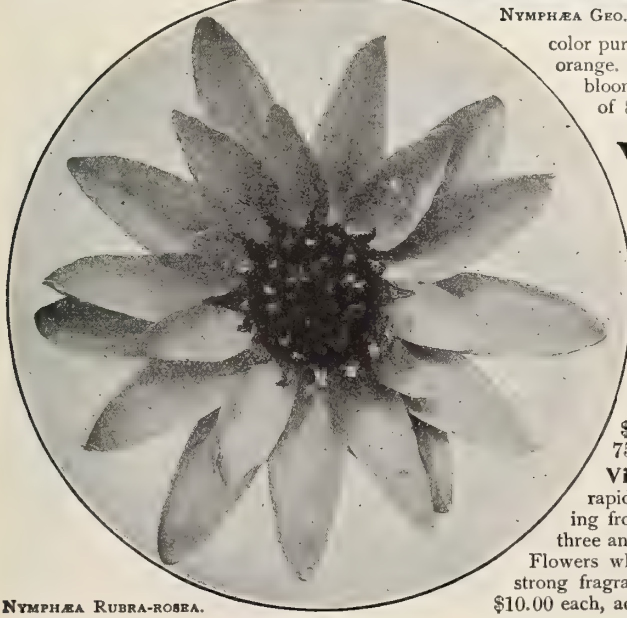
NYMPHÆA KEWENSIS.

NYMPHÆA GEO. HUSTER.

**Rubra.** Somewhat similar to *N. Devoniensis*, but petals less pointed; flowers 6 to 10 inches across, of deep purplish red; stamens cinnabar red, becoming brownish; foliage reddish bronze, turning to green. $1.00 each; $10.00 per doz.

**Rubra-rosea.** One of the best red Water Lilies in cultivation; leaves bronzy-green, blotched brown. Flowers large and massive, 8 to 10 inches across, rosy-carmine; petals broad at base, pointed; tips of stamens orange-brown. $1.00 each.

**Sturtevanti.** Leaves light bronzy-green. Flowers 8 to 12 inches across, quite double; color pure pink to bright red; petals very broad; stamens light brownish-orange. A huge, massive flower, varying greatly in color of leaf and bloom according to culture; should be started early in a temperature of 80° to 85°, and given liberal treatment. $2.50 each.



NYMPHÆA RUBRA-ROSEA.

## Victorias, the Royal Water Lilies

Victorias have long been grown in the public parks and gardens of the United States, and are now well known to all lovers of Aquatics. The illustration on page 264 gives an excellent idea of this wonderful Water Lily.

*NOTE.—Victorias should not be shipped until the weather becomes warm and settled, generally not until after June 10th. Place your orders for these plants* EARLY, *and we will reserve them for you until proper time to plant. See cultural notes on pages 264 and 265.*

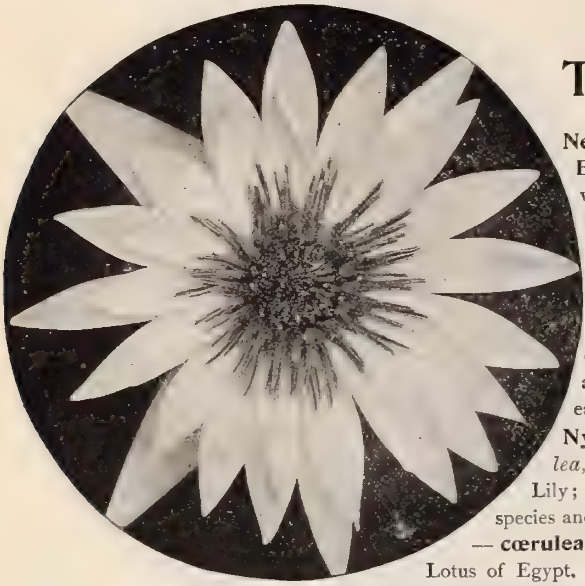
**Victoria regia.** The well-known original species. Plants, $7.50 and $10.00 each, according to size. Seeds, 3 seeds for 75 cts.; $3.00 per doz.

**Victoria Trickeri.** A remarkable variety of vigorous and rapid growth, leaves 4½ to 5½ feet across, a single plant frequently having from twelve to fifteen leaves in good condition, and producing three and four flowers in a single week during the height of the season. Flowers white on opening, changing to deep rose-pink and having a strong fragrance not unlike that of a ripe pineapple. Plants, $7.50 and $10.00 each, according to size. Seeds, 3 seeds for 75 cts.; $3.00 per doz.

**AQUARIUM PLANTS are one of our specialties. See list on page 274.**

### DAY-BLOOMING

# TENDER NYMPHÆAS.



NYMPHÆA GROSSHERZOG ERNST LUDWIG.

**New Violet-Blue Water-Lily. Nymphæa Grossherzog Ernst Ludwig.** This new variety of German origin has proved with us the past three seasons to be one of the freest and most continuous flowering of the day-blooming sorts, frequently having six open flowers at one time. These are held from 12 to 18 inches above the water, open early in the morning and remain open until late afternoon. The color is a true violet-blue, the golden-yellow stamens and centre forming a pleasing color combination; leaves large shining green, tinted purple beneath; a robust, vigorous grower. Strong plants, ready June 1st, $5.00 each.

**Nymphæa capensis** (*syn. N. Scutifolia, D. C.; N. Cœrulea, B. M.* 552, *and American Gardens*). Cape Blue Water Lily; flowers rich sky-blue, 6 to 8 inches across. A very desirable species and useful for cutting. $1.00 each; $10.00 per doz.

— **cœrulea** (*syn. N. Stellata Wild. N. scutifolia of Gardens*). Blue Lotus of Egypt. Leaves oval, 12 to 16 inches across; under surface green with dark purple blotches, purplish at margin. Flowers 3 to 6 inches across; light blue above, lower half dull white; stamens yellow. Free grower and bloomer. $1.00 each; $10.00 per doz.

— **Gracilis.** A Mexican species of great merit and the only white day-flowering tropical species in cultivation. Leaves green, 15 to 17 inches across; flowers white, 6 to 8 inches across; stamens deep yellow, distinct and free-flowering, the flowers standing a foot or more out of the water, and possessing a delicate fragrance. Desirable for cutting. $1.00 each; $10.00 per doz.

NYMPHÆA MRS. C. W WARD.

**Nymphæa Mrs. C. W. Ward.** A hybrid of *N. gracilis*, possessing all the good qualities of that variety, but is a stronger grower, flowers much larger, and borne on stout stems fifteen inches above the water. Color deep rosy-pink, with golden yellow stamens; a most desirable variety for cutting. Certificated at New York by the Society of American Florists. $2.50 each.

— **Pennsylvania.** A hybrid that originated in the botanical department of the University of Pennsylvania, and which is most aptly described as an improved *N. Pulcherrima*, the flowers being much larger in size and of a deeper, richer blue; otherwise it possesses all the many good points of that grand, free and continuous flowering blue Nymphæa. $3.00 each.

— **Pulcherrima.** A beautiful hybrid of *N. cœrulea;* Flowers light blue, 10 to 12 inches across. This variety flowers continuously winter and summer, and is the best for furnishing flowers early and late in the season. $2.00 each.

— **Wm. Stone.** No color in Water Lilies is more attractive than blue, and in this variety we have one of the most distinct and pleasing of this shade, the color being a rich violet-blue shaded amaranth; stamens purple with deep yellow centre. It stands well out of the water, and is of vigorous, spreading habit. The flowers open early in the day and remain open until late in the evening. $2.00 each.

— **Zanzibariensis.** A superb Water Lily, and the darkest blue or purple of the genus; leaves deep green above, under surface suffused violet, 8 to 15 inches across. Flowers 6 to 10 inches in diameter; very free-flowering and exquisitely fragrant. $1.50 each.

— — **azurea.** Similar to the type, but flowers opening wider and of a lighter blue color. 75 cts. each; $7.50 per doz.

— — **rosea.** Flowers rose of various shades, otherwise like the type, but opening earlier in the morning. 75 cts. each; $7.50 per doz,

NYMPHÆA ZANZIBARIENSIS ROSEA.

**WATER GARDENING. A new book on the subject; up-to-date and practical. Price, $2.50, postpaid.**

# Miscellaneous Aquatics.

*Varieties marked * are hardy.*

* **Acorus Japonica Variegata** (*Variegated Sweet Flag*). One of the finest variegated plants in cultivation. 25 cts. each; $2.50 per doz.

* **— Gramineus Variegatus.** Dwarf-growing with leathery leaves, beautifully margined with white; handsome plant for margins or pot culture. 20 cts. each; $2.00 per doz.

* **Aponogeton Distachyon** (*Cape Pond Weed*). A very interesting aquatic. The fork-shaped spikes of pure white flowers are freely produced, and have the fragrance of Hawthorn. 50 cts. each; $5.00 per doz.

* **Brasenia Peltata** (*Water Shield*). Suitable for edgings of small aquatic gardens. Small purple flowers. 10 cts. each; $1.00 per doz.

* **Caltha Palustris** (*Marsh Marigold*). Bright yellow flowers, produced early in spring. 15 cts. each; $1.50 per doz.

* **— — Fl. Pl.** Double golden-yellow flowers, resembling a Double Begonia. 25 cts. each, $2.50 per doz.

**Cyperus Papyrus** (*Papyrus Antiquorum*). This is the true Egyptian Paper Plant. From the snow-white pith of its triangular stalks the first paper was made. They are 5 to 8 feet high, and support at the top a tuft of long, thread-like leaves, which give the plant a graceful and striking appearance. It grows finely in shallow water with rich soil, and makes a splendid companion for flowering aquatics. It will also flourish and make a fine clump in the garden, with no more water than Cannas require to make them do well. 25 cts. each; extra size, 50 cts.; specimen plants in tubs, $2.50 each.

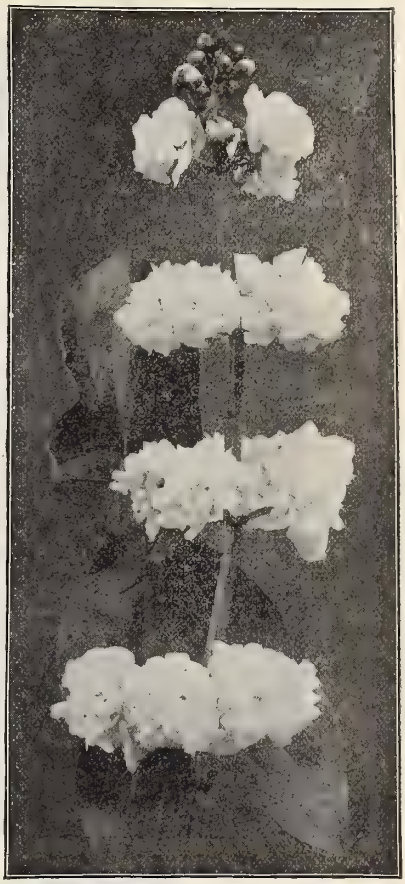
**Eichhornia Azurea.** This species of "Water Hyacinth" produces large spikes of flowers, of a lovely shade of lavender-blue, with a rich purple centre; petals delicately fringed. 25 cts. each; $2.50 per doz.

**Jussiæa Longifolia.** A very attractive and desirable aquatic, growing 2 to 3 feet high, erect, slightly drooping at the points, and producing numerous axillary flowers of a rich golden-yellow, somewhat like an Evening Primrose. A good plant for tubs or planting on edge of pond. 25 cts. each; $2.50 per doz.

**Limnanthemum Indicum** (*Water Snowflake*). A very pretty floating species, with light green, roundish leaves, and pure white flowers, most beautifully fringed. 25 cts. each; $2.50 per doz.

* **Limnanthemum Nymphæoides** (*Villarsia*). A pretty hardy aquatic with Nymphæa-like leaves and golden-yellow flowers, freely produced. 15 cts. each; $1.50 per doz.

**Limnocharis Plumieri.** An erect-growing plant, standing 1 to 2 feet out of the water, with elliptical leaves 4 to 6 inches long, and of a velvety green. Flowers straw color. 25 cts. each; $2.50 per doz.



Sagittaria Japonica Fl. Pl.

**Ouvirandra Fenestralis** (*Lace-leaf or Lattice-leaf Plant*). The chief interest of this plant lies in the remarkable singularity of the leaves, which are of a dark, olive green color, merely a network of vascular tissue, resembling lace, or a skeletonized leaf. A compost of good, rich soil, as recommended for water lilies, is suitable for this plant. The pot or pan should be placed in a tub of water and kept clean and sweet, and from direct sunlight. $2.50 each.

* **Orontium Aquaticum** Beautiful, velvety green leaves on the upper surface, and a bright silvery-white color on the back; flowers small, yellow. 15 cts. each; $1.50 per doz.

* **Peltandra Virginica** (*Water Arum*). Leaves something like a Calla in outline, with greenish flowers, growing a foot or more out of the water. 15 cts. each; $1.50 per doz.

**Pistia Stratiotes** (*Water Lettuce*). A floating aquatic; forms a rosette of light green velvety leaves. 15 cts. each; $1.50 per doz.

Aponogeton Distachyon.

* **Pontederia Cordata** (*Pickerel Weed*). A free-flowering plant, growing about two feet high, and producing spikes of closely-set blue flowers. 15 cts. each; $1.50 per doz.

**Sagittaria Montevidiensis** (*Giant Arrowhead*). Attains gigantic proportions, growing 4 to 5 feet high; leaves 15 inches long; flower-scape towers above the foliage, bearing white flowers with dark blotch at base of each petal, suitable for margins or tub cultivation. 20 cts. each; $2.00 per doz.

* **— Japonica Fl. Pl.** The double-flowering arrowhead; very desirable for planting in tubs or on margins of ponds and streams. 50 cts. each; $5.00 per doz.

* **Saururus Cernuus** (*Lizard's Tail*). A desirable plant for margins; 2 to 2½ feet high; leaves heart-shaped; fragrant white flowers. 20 cts. each; $2.00 per doz.

* **Scirpus Tabernæmontana Zebrina.** A very ornamental hardy rush, growing 3 to 4 feet high, producing leaves variegated, with alternate bands of green and pure white. It may be grown as an aquatic, or as a garden or window plant. 25 cts. each; $2.50 per doz.

* **Typha Latifolia.** The well-known Cat Tail; very desirable for the water garden. 15 cts. each; $1.50 per doz.

* **Zizania Aquatica** (*Wild Rice*). This native aquatic annual is very ornamental; its graceful panicles of bloom are produced on stalks 5 to 10 feet high; should be grown in shallow water. 10 cts. each; 75 cts. per doz.

**HOW TO GROW WATER LILIES, the article appearing on pages 264 and 265 covers all important points.**

# Aquatic Plants for Aquariums.

There is a rapidly growing taste for the culture of fancy fish and aquatic plants in Aquariums, and it is doubtful if anything is more fascinating to the young, as well as to the older members of the household, than to watch the development of animal and plant life in the aquaria. It is necessary to secure and maintain the proper balance between plant and animal life, as fish will not thrive unless enough plants are growing to furnish them with oxygen. To do this there should be not less than one plant to every two gallons of water. The ideal temperature is about 50 degrees, and a shady corner, or a window facing north, is best during the summer, and an east window during the winter. If the proper balance is maintained, it will not be necessary to change the water more than three or four times a year.

The list of plants offered below are the best known oxygenators.

**Anacharis Canadensis Gigantea** (*Giant Water Weed*). A beautiful submerged plant with dark green ovate leaves and light stems; of quick growth. The best oxygenator and a splendid Aquarium plant. 15 cts. each; $1.50 per doz.

**Cabomba Viridifolia** (*Washington Grass*). A pretty and popular submerged plant; leaves brilliant, glossy green, fan-shaped, regularly cut and more beautiful than the most delicate fern. 10 cts. per bunch; $1.00 per doz.

**Cyperus Alternifolius.** An excellent plant for growing in water or damp places; will thrive in any good soil, and always presents a green and attractive appearance. 15 cts. and 25 cts. each; $1.50 and $2.50 per doz.

**Eichhornia Crassipes Major** (*Water Hyacinth*). A very free-growing and showy floating aquatic, bearing flowers of a delicate lilac-rose in trusses like a Hyacinth; does splendidly outdoors in summer. 15 cts. each; $1.50 per doz.

**Limnocharis Humboldti** (*The Water Poppy*). A pretty little aquatic, with floating leaves and yellow, poppy-like flowers; makes a fine show in a tub or pond all summer. 15 cts. each; $1.50 per doz.

**Ludwigia Mulerttii.** One of the prettiest of the submerged plants. The small, ovate leaves, green above and pink on the under side, are very attractive and entirely distinct from all other Aquarium plants. 25 cts. each; $2.50 per doz.

**Myriophyllum Proserpinacoides** (*Parrot's Feather*). Long, trailing stems, clothed with whorls of the most exquisite foliage, as delicate as the Cypress Vine. Planted in water-tight hanging-basket, so water can be kept standing on the surface, it will trail finely. 10 cts. each; $1.00 per doz.

**Sagittaria Natans.** This plant is indispensable for the Aquarium; its long strap-like green leaves resemble the well-known *Vallisneria*. 15 cts. each; $1.50 per doz.

**Sagittaria Sinensis** (*Giant Sagittaria*). Leaves dark green; broader and stronger than *S. Natans*, and a freer grower; the best form for the Aquarium. 15 cts. each; $1.50 per doz.

**Salvinia Braziliensis.** This pretty little floating aquatic is suitable for all Aquaria. The leaves are a soft green, covered with a delicate hairy surface. 15 cts. per bunch; $1.50 per doz.

**Trapa Natans** (*Water Chestnut or Water Caltrops*). An aquatic annual, producing white flowers with purple claws, floating on the surface of the water. Ready May 15th. 25 cts. each; $2.50 per doz.

**Vallisneria Spiralis** (*Tape, Eel Grass or Wild Celery*). A submerged plant with ribbon-like leaves about 6 inches long; free-growing and desirable. Also useful for planting as food for wild water fowl. Ready May 15th. 15 cts. each; $1.50 per doz.; $8.00 per 100 bunches.

**Vallisneria Spiralis Gigantea** (*Giant Eel Grass*). A submerged plant with ribbon-like leaves, ½ inch wide and from 1 to 2 feet long; a free grower and a good oxygenator. 15 cts. each; $1.50 per doz.

**THE AMATEUR AQUARIST. A valuable book, giving full directions for the management of the Aquarium. Price, $1.00, postpaid.**

# TOOL AND SUNDRY DEPARTMENT.

The Dreer Mower, in use at Fairmount Park, Philadelphia.

This Department aims to keep every first-class Tool and Implement needed for the easy and rapid cultivation of the Flower and Vegetable Garden,

In the limited space at our command in this catalogue, we can give but few descriptions and illustrate only the most important articles, but we issue annually a special Catalogue in which the full line of Tools and Sundries are fully described and illustrated, and will be pleased to send a copy on application.

We solicit correspondence seeking information in reference to Tools and Implements best suited for certain work, including Sprayers, Insecticides and Fungicides.

## THE "DREER" HIGH-WHEEL AND LOW-WHEEL LAWN MOWERS.

THE popular Lawn Mower of to-day. The increasing demand for use on private and public grounds, and the testimonials from those who use them, are proof of their excellence. The High-Wheel is the easiest running, has 10-inch drive wheel. This machine can be supplied with four or five blades in the revolving cutter. For those who mow their lawns frequently we advise the five-bladed machines, as they leave the lawn perfectly smooth, although the four-blade machine does admirable work.

The Low-Wheel is built on the same plan as the High-Wheel, and is made with four blades only. For small areas the Low-Wheel machine is preferable. Grass catchers are supplied for both High- and Low-Wheel machines, easily attached.

### "DREER" HIGH-WHEEL MOWER.

| | With 4 Blades. | With 5 Blades. |
|---|---|---|
| 15-inch cut | $10 00 | $11 00 |
| 17 " " | 11 00 | 12 00 |
| 19 " " | 12 00 | 13 00 |
| 21 " " | 13 00 | 14 00 |

### PENNSYLVANIA "GRAND" HORSE MOWER.

This machine, in addition to the good qualities of the well-known Pennsylvania Horse Mower, has some features that are distinctly its own which recommend it to all who use horse power machines. The operator, without leaving his seat, can instantly change from low to high cut or an intermediate one.

Fitted with handles and draft irons only, the mower can be easily managed on a lawn broken up with trees and shrubbery, or on a small place where it is not essential for the driver to ride.

30-inch cut, 4 blades, $65.00; 6 blades, $73.00.  
38-inch cut, 4 blades, $85.00; 6 blades, $93.00.

With shafts, seat and footboard, as illustrated below, add $12.00 to the 30-inch and $15.00 to the 38-inch size.

### PENNSYLVANIA HORSE MOWER.

| | |
|---|---|
| 30-inch open cylinder, 4 blades, $60.00; 6 blades | $68 00 |
| 38 " " " " 78.00; " | 86 00 |
| Shafts, Seat and Footboard for either size, extra | 12 00 |
| 25-inch Pony Mower, 4 blades, $30.00; 6 blades | 36 00 |

### "DREER" LOW-WHEEL MOWER.

| | |
|---|---|
| 12-inch cut with 4 blades | $ 7 00 |
| 14 " " " " " | 8 00 |
| 16 " " " " " | 9 00 |
| 18 " " " " " | 10 00 |

### GRASS CATCHERS FOR "DREER" MOWERS.

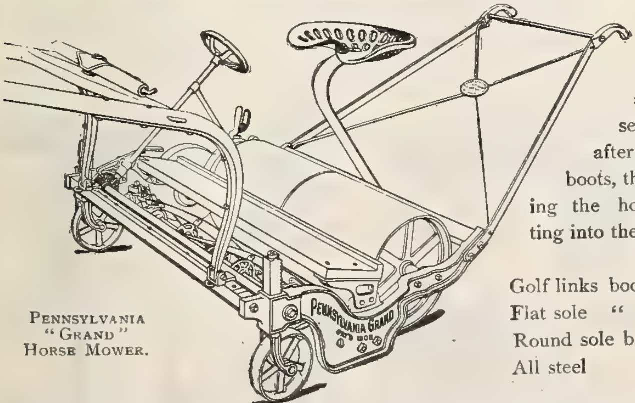
| | | | |
|---|---|---|---|
| 12-inch | $1.50 | 17-inch | $1.80 |
| 14 " | 1.60 | 18 " | 1.80 |
| 15 " | 1.70 | 19 " | 1.90 |
| 16 " | 1.70 | 21 " | 2.00 |

### PHILADELPHIA HORSE MOWER.

| | |
|---|---|
| 30-inch with draft iron and handles | $62 50 |
| 35 " " " " " " | 72 50 |

### COLDWELL HORSE MOWER.

A good machine, in use in many public parks and private estates. Price complete with shafts, seat and side-draft attachment, which keeps the horse on the cut grass: 30-inch cut, $60.00; 35-inch, $75.00; 40-inch, $90.00; 25-inch Pony, without shafts, etc. $37.50.

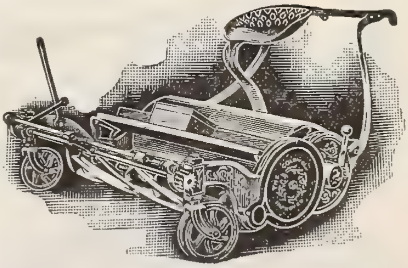


Pennsylvania "Grand" Horse Mower.

### HORSE LAWN BOOT.

It is important in the early spring, when the ground is soft, and during the season, especially after rains, to use boots, thereby preventing the horse from cutting into the sod.

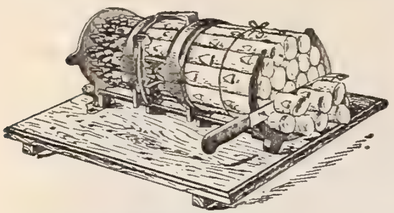
| | PER SET. |
|---|---|
| Golf links boots | $9 00 |
| Flat sole " | 8 00 |
| Round sole boots | 7 00 |
| All steel " | 8 00 |

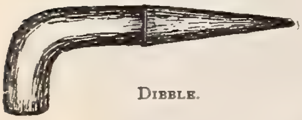


Coldwell Horse Lawn Mower.

**We can supply Pennsylvania, Continental and Philadelphia Hand Lawn Mowers; also Motor Power Mowers. Write for Catalogues and prices.**

**SEND FOR CATALOGUE OF TOOLS, POULTRY SUPPLIES, ETC.**


PHILADELPHIA ASPARAGUS BUNCHER.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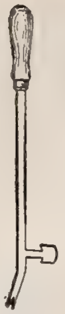
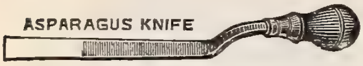
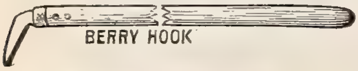
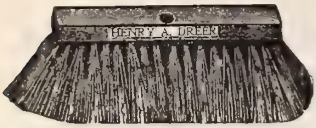
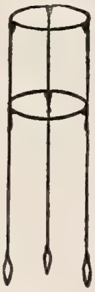

DOCK OR WEED LIFTER.

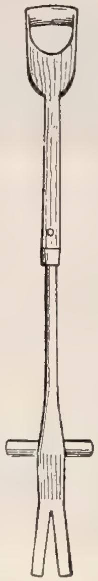


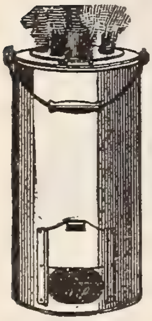


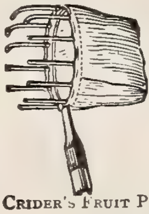


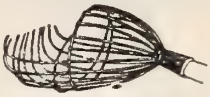
STABLE PUSH BROOM.

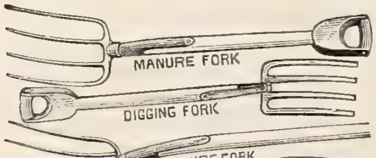

WIRE CARNATION SUPPORT.

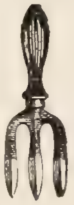

DOCK EXTRACTOR.


PERFECTION FUMIGATOR.


CRIDER'S FRUIT PICKER.


WIRE FRUIT PICKER.



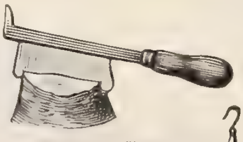

HAND WEEDING FORK.

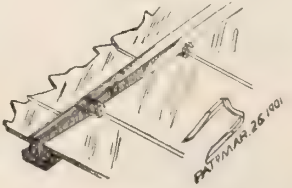
| | |
|---|---|
| **Asparagus Buncher.** Acme, $1.75; Philadelphia . | $2 00 |
| " " Twentieth Century .......... | 1 75 |
| **Asparagus Knife.** English, $1.50; American, 25 and | 35 |
| **Axe.** Heavy, $1.25; medium, $1.00; light .......... | 85 |
| **Berry Hook.** .............................. | 50 |
| **Bill Hook.** Short handle, $1.25; long handle ........ | 2 00 |
| **Brooms.** (Stable.) Push, rattan or cocoa .... ..... | 75 |
| " " Upright, corn and rattan........ | 50 |
| **Carnation Supports.** Wire, 2 ring, doz., 45 cts.; 100, $3.00; 3 ring, doz., 55 cts.; 100.................. | 3 50 |
| **Dibbles.** All iron, 35 cts.; iron point, 40 cts.; brass point | 50 |
| **Dock Extractors.** Heavy .... ................. | 2 00 |
| " **or Weed Lifters.** Small, 50 cts.; large...... | 75 |
| **Forks.** Hand-weeding, steel .................. | 25 |
| Digging or spading, 4-pronged, D handle, $1.00; 5-pronged ... ............... .. ........ | 1 15 |
| Manure, long handle, 4 tine, heavy, 75 cts.; 5 tine.... | 90 |
| Manure, D handle, 4 tine, medium, 85 cts.; 5 tine .... | 1 00 |
| Hay, long handle, 2 tine, 60 cts.; 3 tine .......... .. | 70 |

**Fumigators.** Perfection and Eureka. The Perfection is made with vapor tank. The vapor prevents scorching and makes the smoke more effective.

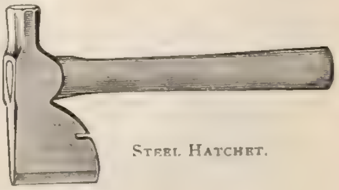
| | FOR GREENHOUSE. | EUREKA. | PERFECTION. |
|---|---|---|---|
| No. 1 | 10 x 20 ft. | $1 25 | $3 00 |
| " 2 | 12 x 40 ft. | 1 75 | 3 50 |
| " 3 | 15 x 100 ft. | 2 25 | 4 00 |
| " 4 | 20 x 100 ft. | 3 25 | |

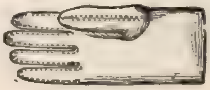
| | |
|---|---|
| **Fruit Pickers.** Wire, 30c.; Crider's, 75c.; Schneidig . | 50 |
| **Garden Reels.** Iron; small, 50 cts.; large .......... | 75 |
| Galvanized, single, $1.25; double, heavy ............ | 2 00 |
| **Garden Lines.** Best Italian Hemp, 30 ft., 20 cts.; 60 ft., 35 cts.; 90 ft., 50 cts.; 120 ft., 65 cts.; 150 ft., 85 cts.; 180 ft., $1.00; 240 ft., $1.25; 300 ft., heavy..... | 1 75 |
| **Garden Tool Sets.** Children's, 50 and 75 cts.; Ladies' | 1 00 |
| **Glass Cutter.** Diamond, $3.00 and $4.00; steel wheel | 15 |
| **Glazing Points.** Peerless (Improved Van Reyper), made in three sizes, viz.: No. 1, for small single thick glass; No. 2, for medium double thick glass; No. 2½, for large double thick and skylight glass. Price, per 1000, 60 cts.; postpaid .................. . | 75 |
| **Glazing Points.** Siebert's. (Brads) zinc. | |
| ⅝-inch long, per pound.......... ........ | 40 |
| ⅞ " " " " .................... | 40 |
| from 1000 to 1200 brads per pound. | |
| **Gloves.** Used in handling or pruning thorny plants.... | 1 25 |
| **Grass Edging Knives.** With handles; English steel, 8 in., $1.15; 9 in., $1.25; American steel, 9 in. ...... | 75 |
| **Grass Hooks or Sickles.** English, riveted back, No. 0, 35 cts.; No. 1, 40 cts.; No. 2, 50 cts.; No. 3 ...... | 60 |
| Little Giant, 50 cts.; American, 25 cts.; Dutch ...... | 30 |
| **Grafting Tool.** Small, 50 cts.; large ............... | 75 |
| **Grafting Wax.** ¼ lb., 10 cts.; ½ lb., 15 cts.; 1 lb.... | 25 |
| **Grape Bags.** Paper, plain, per 100, 20 cts.; per 1000. | 1 50 |
| With wire, per 100, 30 cts.; per 1000 .... ...... ... | 2 50 |
| **Hanging Baskets.** Galvanized wire. 8 in., 15 cts.; 10 in., 20 cts.; 12 in., 25 cts.; 14 in .................. | 35 |
| **Hammers.** Claw, 60 cts.; stone .... .. . ........ | 75 |
| **Hatchets.** Medium or heavy .................... | 60 |

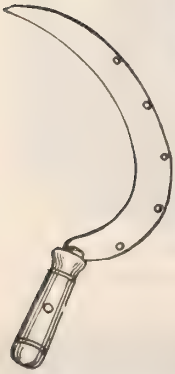

GRAFTING TOOL.

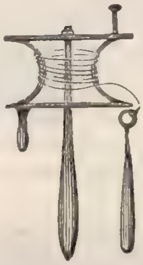


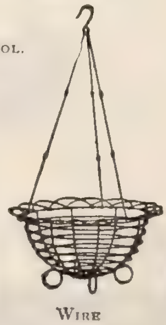
PEERLESS GLAZING POINTS.

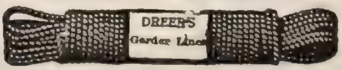

STEEL HATCHET.


PRUNING GLOVE.

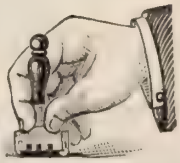

GRASS HOOK OR SICKLE.

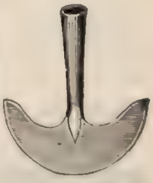

GARDEN REEL.


WIRE HANGING BASKET.



ITALIAN HEMP GARDEN LINE.


DIAMOND GLASS CUTTER.


GRASS EDGING KNIFE.

**SEND FOR CATALOGUE OF TOOLS, POULTRY SUPPLIES, ETC.**

**Hose Rubber** for Garden and Greenhouse. Riverton Moulded and Chicago Electric can be supplied in any length in one piece up to 500 feet, and we will cut any length desired. All others can be supplied only in 25 and 50 feet lengths. Price includes couplings.

| | | | |
|---|---|---|---|
| Challenge, 3-ply, ¾-in., per ft. | 10c. | Riverton Moulded, ½-in., per ft. | 14c. |
| Extra quality " " " | 12c. | " " ¾-in., " | 16c. |
| Fine " " " " | 15c. | Chicago Electric, ¾-in., " | 20c. |
| Fine " 4-ply " " | 18c. | Wire-wrapped, ¾-in., " | 16c. |
| | | Bull-dog, ¾-in., " | 18c. |

| | |
|---|---|
| **Hose Nozzles.** Boston, coarse or fine, 50 cts.; Boss, 40 cts.; Gem, 30 cts.; brass combination, rose and stream | $0 75 |
| **Hose Nozzle Holder** | 15 |
| **Hose Clamp** (Sherman's), each 5 cts.; per doz | 50 |
| **Hose Couplers.** Brass, ¾-in., per pair | 15 |
| **Hose Menders.** Jones, iron, each 5 cts.; per doz | 50 |
| Cooper's, brass, each 10 cts.; per doz | 1 00 |
| Hudson, six tubes, pliers and bands, 65 cts.; postpaid | 75 |
| " extra tubes, doz., 40 cts.; bands, doz | 20 |
| **Hose Reels.** Wood, to hold 50 ft., $1.75; to hold 100 ft. | 2 00 |
| Wirt's Iron, No. 10, 100 ft., $2.75; No. 20, 150 ft., $3.00; No. 30, 500 ft. | 5 00 |
| **Hoes.** Celery, 14 in. blade, $1.25; Grubbing | 1 00 |
| Weeding (Fig. 1), with 4-tooth rake, 50 cts.; 6-tooth rake, | 55 |
| Half Moon (Fig. 2), 3-in., 35 cts.; 4-in., 40 cts.; 5-in., 45 cts.; 6-in., 50 cts.; 7-in., 55 cts.; 8-in | 55 |
| Warren (Fig. 3), 3 sizes, 60 cts., 65 cts. and | 70 |
| Scuffle (Fig. 4), 4-in., 50 cts.; 5-in., 55 cts.; 6-in., 60 cts.; 7-in., 65 cts.; 8-in., 70 cts,; 9-in., 85 cts.; 10-in | 1 00 |
| Garden (Fig. 5), 1 point, 40 cts.; (Fig. 7), 2 point | 45 |
| Square (Fig. 6), 6-in., 45 cts.; 7-in., 50 cts.; 8-in | 55 |
| Trowel-shaped, 50 cts.; Potato, 4-pronged | 60 |
| **House Frame.** 12x16-in., for raising young plants | 1 00 |
| **Hotbed Sash.** Unglazed, $1.50; glazed and painted | 3 25 |

**Sunlight Sash.** A double Sash with many advantages; never has to be covered, retains the heat, excludes the cold, glass slips in, no putty, easily repaired, 3x6 ft., unglazed, unpainted, each, $2.35; 3x6 ft., glazed and painted, $4.50 each. Special prices on lots of 5 or more.

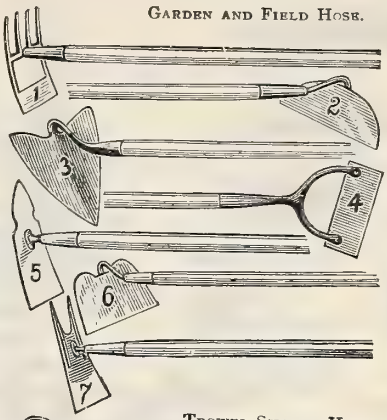
| | |
|---|---|
| **Hotbed Mats.** Straw, 3x6 ft., $1.00; 6x6 ft | $1 50 |
| Burlap, 40x76-in., $1.00; 76x76-in | 1 50 |
| " one side canvas, 40x76-in., $1.25; 76x76-in | 1 75 |
| **Knives.** Pruning, American, 50 cts., 75 cts. and | 1 00 |
| Pruning, Imported Stag, $1.00, $1.15 and | 1 25 |
| Budding, Dreer's Special, 75 cts. and | 1 00 |
| " Ivory handle, 75 cts. and | 1 00 |
| Corn and Hedge, American, 40 cts.; Little Giant | 50 |
| Brush, American, $1.00; English | 1 75 |
| Gooseberry, Raspberry and Currant pruning | 1 00 |

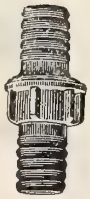
**Labels.** Wood, painted, for pots.

| Size. | Per 100. | Per 1000. | Size. | Per 100. | Per 1000. |
|---|---|---|---|---|---|
| 4-inch | $0 12 | $0 85 | 6-inch | $0 25 | $1 50 |
| 4½ " | 15 | 1 00 | 8 " | 35 | 3 25 |
| 5 " | 20 | 1 25 | 10 " | 50 | 4 50 |
| | | | 12 " | 75 | 6 00 |

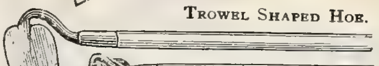
| | | |
|---|---|---|
| Wood, for trees, shrubs, etc. 3½ " | 15 | 1 00 |
| " " " copper-wired | 25 | 1 50 |
| Copper, indestructible, No. 2, heavy, doz., 30 cts.; gross | | 2 00 |
| " " " light, doz., 25 cts.; gross | | 1 75 |
| White Metal, per doz., 15 cts.; per gross | | 1 25 |
| Zinc, small, 100, 60 cts.; medium, $1.50; large | | 3 00 |
| **Label Ink.** Indelible, for zinc labels; per bottle | | 25 |
| **Label Pencils.** Indelible, each 5 cts.; per doz | | 50 |

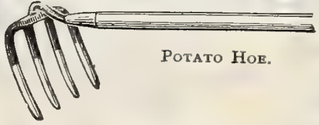
GARDEN AND FIELD HOSE.

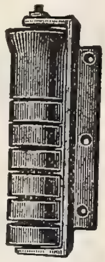


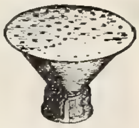

BRASS HOSE COUPLER.

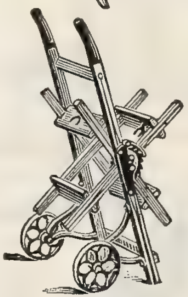
TROWEL SHAPED HOE.

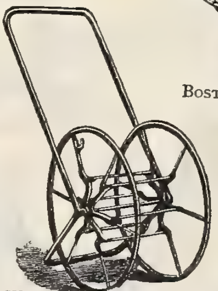


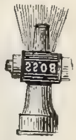

POTATO HOE.

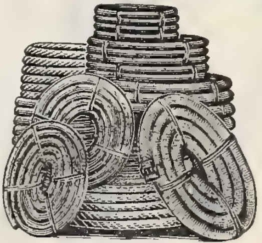

SHUCK'S HOSE PROTECTOR.

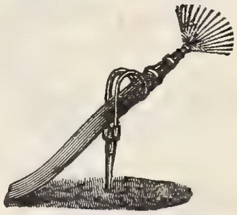

BOSTON NOZZLE.

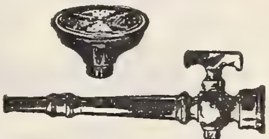

WOOD HOSE REEL.

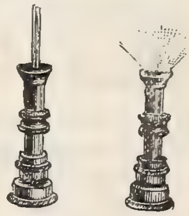

WIRT'S IRON HOSE REEL.

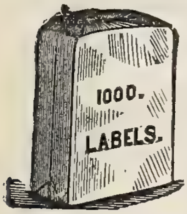

BOSS NOZZLE.


GARDEN AND GREENHOUSE HOSE.

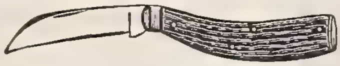

HOSE NOZZLE HOLDER.

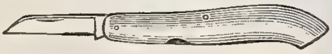

COMBINATION HOSE NOZZLE.

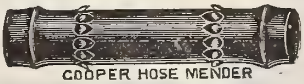

GEM NOZZLE.

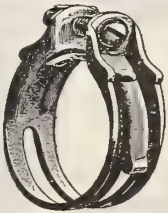


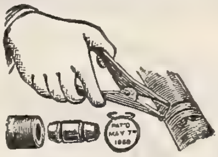
PAINTED WOODEN LABELS.

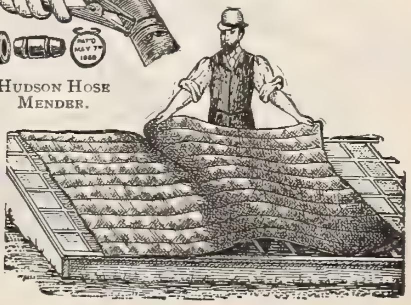

PRUNING KNIFE.

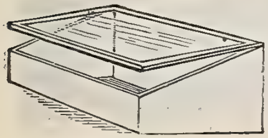

BUDDING KNIFE.

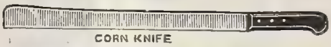

COOPER HOSE MENDER

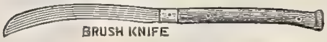

SHERMAN HOSE CLAMP.

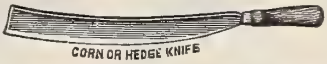

HUDSON HOSE MENDER.

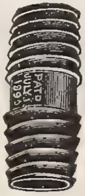

BURLAP HOTBED MATS.


HOUSE FRAME.

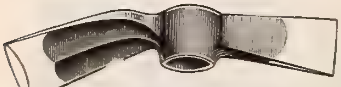

CORN KNIFE

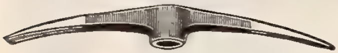

BRUSH KNIFE

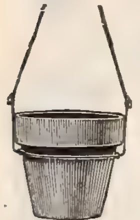

CORN OR HEDGE KNIFE

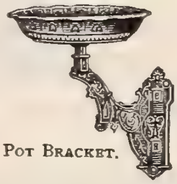

JONES'S HOSE MENDER

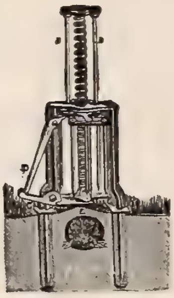
SEND FOR CATALOGUE OF TOOLS, POULTRY SUPPLIES, ETC.

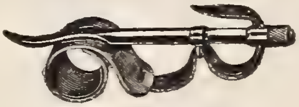

Mattock.

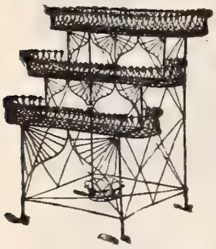

Steel Pick.

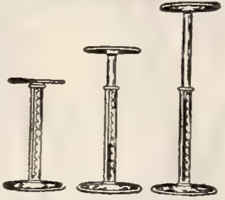

Wire Pot Hanger.

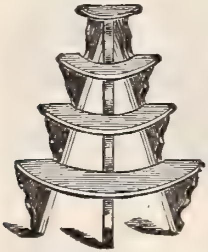

Pot Bracket.

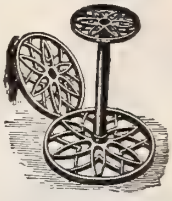

Olmsted Mole Trap.

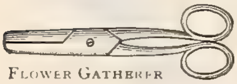

Corn Husking Pin.

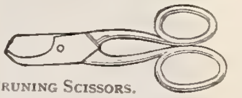

Wire Plant Stand.

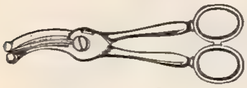

No. 1. No. 2. No. 3.
Adjustable Iron Plant Stands.

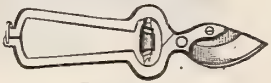

Wood Plant Stand.

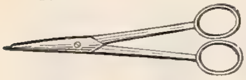

Dreer's Plant Stand.

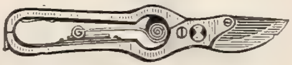

Flower Gatherer

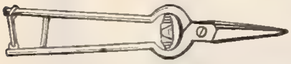

Pruning Scissors.

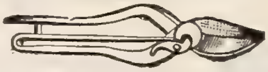

Flower and Grape Gathering Scissors.


Dreer's Special.


Grape Trimming Scissors.


French.


Grape Shear


Perfection.

**Mattocks.** Light, 80 cts.; medium, 90 cts.; heavy... $1 00

**Mole Traps.** Olmsted, $1.50; Reddick.. .... ..... 1 00

**Pins, Husking.** Stamped steel, 15 cts.; solid steel.... 25

**Pot Brackets.** One pot, 25 cts.; two pots.......... 50

**Pot Hangers.** For 5, 6, 7, 8-in. pots, each 5 cts.; doz. 50

**Plant Stands.** Wood, 3-shelf, $1.25; 4-shelf.. ..... 1 75
Wire, 2-shelf, square or round, $3.00; 3-shelf........ 4 00

**Plant Stands, Dreer's Iron:**

| SIZE. | BLACK. | GALVANIZED. | SIZE. | BLACK. | GALVANIZED. |
|---|---|---|---|---|---|
| 15-in. | $0 50 | $0 65 | 30-in. | $0 90 | $1 10 |
| 18 " | 60 | 76 | 36 " | 1 10 | 1 25 |
| 24 " | 75 | 90 | | | |

**Plant Stands, Adjustable Iron, Galvanized.**
No. 1, 6-in. high, adjustable to 12-in................ 85
No. 2, 12 " " " " 24 " ............... 1 25
No. 3, 24 " " " " 48 " ... .......... 1 50

**Plant Bed Protecting Cloth.** A substitute for glass. Light grade, 5 cts. per yard; piece of 65 yards, 4¾ cts. per yard. Medium grades, 9 cts. per yard; piece of 60 yards, 8 cts. per yard. Heavy grade, 12 cts. per yard; piece of 50 yards at.......... ....... ........ 11

**Picks.** Light, 70 cts.; medium, 80 cts.; heavy....... 90

**Rakes.** Gravel, with short teeth, for walks and driveways, 14 teeth, 60 cts.; 16 teeth, 65 cts.; 18 teeth.. 70
Steel Garden 8 teeth, 45 cts.; 10 teeth, 50 cts., 12 teeth, 55 cts.; 14 teeth, 60 cts.; 16 teeth...... .... 65
Bow steel, 9 teeth, 50 cts.; 11 teeth, 60 cts., 13 teeth 65 cts.; 15 teeth....... ... .. ..... ....... 70
Hustler, galv., steel wire, 24 teeth, 50 cts.; 36 teeth.. 75
Lawn King, wood, 22 teeth, 40 cts.; 26 teeth, 50 cts.; 38 teeth, 75 cts.; 50 teeth...... ..... ...... .... 1 00
Automatic, self-cleaning, wood, 22 teeth, 60 cts.; 26 teeth, 70 cts.; 38 teeth, $1.00; 50 teeth.. .. .... 1 50
Ames, wood, 24 teeth, 70 cts.; Globe, wood, 20 teeth.. 35
Ole Olson, 25 teeth, close set........ ..... ...... 50

**Raffia.** For tying plants. Per lb., 20 cts.; 5 lbs..... 85

**Saws.** Pruning, 14-inch, 60 cts.; 16-inch, 70 cts.; 18-inch, 80 cts.; 20-inch, $1.00; 24-inch ....... .... 1 25
Double edge, "Lightning," 16-inch............... 65
Adjustable Pole Tree-Saw, 18-inch blade, without pole 75

**Scissors.** Grape thinning, 6-in., 80 cts.; 7-in., 90 cts.; 8-in. ................................ ..... 1 00
Flower gathering, 6-in., 80 cts.; 7-in., 90 cts.; 8-in... 1 00
Pruning, 4-in., 75 cts.; 5-in., $1.00; 6-in., $1.25; 7-in. 1 50
Flower and Grape Gathering, nickel............... 1 00
Grape and Fruit Gathering .. ........... .. .... 50

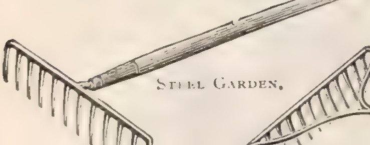
**Scythes.** English lawn, riveted back, best steel, 30, 32 and 34-in., $1.00; 36-in., $1.15; 38-in........... 1 25
Waldron, English lawn, solid, 36 to 40-in........ 1 50
American lawn, 90 cts.; Bush, short.... .......... 90

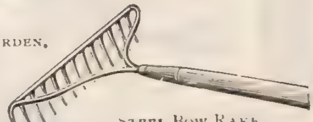
**Scythe Stones.** English, 15 cts.; Darby, 10 cts.; German 10

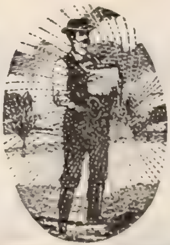
**Scythe Snath.** Improved pattern ............... 75

**Seed Sower.** Cahoon, broadcast................. 3 25

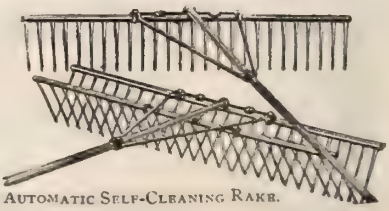
**Shears, hand-pruning.** Dreer's Special, 9-in., heavy 1 50
French, 7-in., $1.25; 8-in., $1.50; 9-in. ........... 1 75
Perfection 7-in., $1.75; 8-in., $2.00; 9-in. ...... .... 2 25
German, first quality, 8-in., $1.00; 9-in., $1.25; second quality, 8-in., 50 cts.; 9-in., 75 cts.; nickel, 85 cts. and 1 00

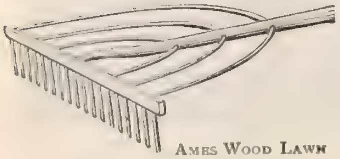

Steel Garden.

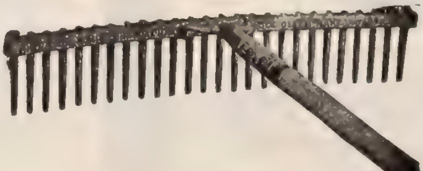

Steel Bow Rake.

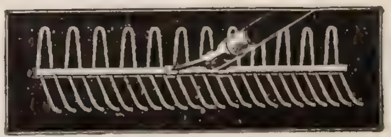

Cahoon Seed Sower.

Lawn King Rake.


Automatic Self-Cleaning Rake.


Ames Wood Lawn Rake.


Ole Olsen Lawn Rake.


Hustler Lawn Rake.

**SEND FOR CATALOGUE OF TOOLS, POULTRY SUPPLIES, ETC.**

**Shears.** Grass border, 8-in. blade, $2.00; 10-in .... $2 50
With wheel, 8-inch blade, $2.50; 10-inch........... 3 00
Lawn, 2 wheel, 9-inch blade, for under trees and fences. 2 50
Hedge, English, 8-inch, $1.50; 9-inch, $1.75; 10-inch. 2 00
Lopping Clipper, 20-inch handle, $1.00; 23-inch, $1.50; 25-inch. ... .......... 2 00
English, 27-in., $2.00; 31-in., $2.50; 38-in., $3.00; 44-in. 3 50
Tree pruning, Waters', 4 ft., 75 cts.; 6 ft., 85 cts.; 8 ft., $1.00; 10 ft., $1.15; 12 ft...................... 1 25
Tree pruning, Telegraph, without pole.............. 1 00
Sheep or grass, English, 7½-inch, $1.00; with inside spring, $1.15; American, 25, 35, 50, 75 and....... 85

**Sieves.** Extra heavy, 18-inch, 75 cts.; 20-inch........ 85

**Shovels.** (Fig. 3,) round point, D handle .... ..... 1 00
(Fig. 1,) square point, D handle, $1.00; Maynard's... 1 40
(Fig. 2,) long handle, $1.00; Ames', $1.25; Maynard's 1 40

**Spades.** (Fig. 4,) Dreer's Special, $1.00; Ames', $1.25; Maynard's, solid steel, $1.40; Special Turfing.. 3 50

**Spuds.** (Weeders.) Long handle, 75 cts.; Dandelion. 25

**Stakes.** Light tapering, round, painted green:

| | | | | | |
|---|---|---|---|---|---|
| 1½ ft., | doz., 17c.; | 100, $1 00 | 3 ft., | doz., 51c.; | 100, $3 20 |
| 2 “ | “ 28c. | “ 1 70 | 3½ “ | “ 63c. | “ 4 00 |
| 2½ “ | “ 39c. | “ 2 40 | 4 “ | “ 75c. | “ 4 80 |
| | | | 5 “ | “ 88c. | “ 5 60 |

Heavy Rose or Dahlia. Round, painted green:

| | | | | | |
|---|---|---|---|---|---|
| 3 ft., | doz., 75c.; | 100, $4 85 | 5 ft., | doz., $1 25; | 100, $8 15 |
| 4 “ | “ $1 10; | “ 6 50 | 6 “ | “ 1 55; | “ 9 80 |

Square. Painted green. A good strong stake:

| | Per. doz. | Per 100. | | Per doz. | Per 100. |
|---|---|---|---|---|---|
| 1½ feet ..... | 12 cts., | $ 85 | 3½ feet...... | 50 | $3 25 |
| 2 “ ...... | 20 “ | 1 25 | 4 “ .... | 60 | 4 00 |
| 2½ “ ..... | 30 “ | 1 75 | 5 “ ...... | 75 | 5 50 |
| 3 “ ..... | 40 “ | 3 00 | 6 “ ...... | $1 00 | 6 50 |

Plain unpainted Dowels:

| Length. | Diameter. | | |
|---|---|---|---|
| 42 inches, | ¼ inch, | per 100, $0 75 cts.; | per 1000...$5 75 |
| 42 “ | ⅜ “ | “ “ 80 | “ “ “ ... 6 00 |
| 42 “ | ⅝ “ | “ “ 1 25 | “ “ “ ... 9 50 |
| 36 “ | ½ “ | “ “ 75 | “ “ “ ... 5 75 |

Galvanized steel, No. 10. Wire:

| | Per 100. | Per 1000. | | Per 100. | Per 1000. |
|---|---|---|---|---|---|
| 2 feet ..... | $ 60 | $5 00 | 4 feet ..... | $1 25 | $10 50 |
| 2½ “ ..... | 75 | 6 25 | 4½ “ ..... | 1 35 | 12 00 |
| 3 “ ...... | 90 | 7 75 | 5 “ ...... | 1 50 | 13 00 |
| 3½ “ ..... | 1 10 | 9 00 | 6 “ ...... | 1 75 | 14 25 |

Western Cane Stakes, 6 to 8 feet long, per 100...... 1 00

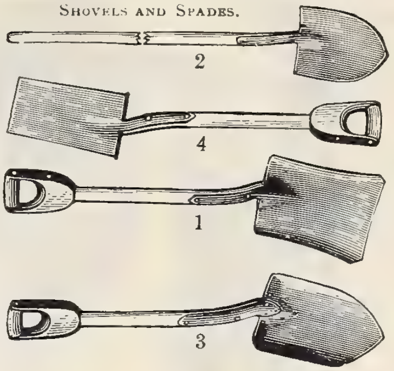
**Syringes.** Brass.

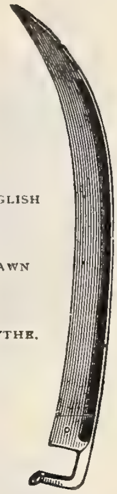
| | | | |
|---|---|---|---|
| No. A stream and spray. | $2 25 | Neptune. Fine spray stream and rose...... | $3 25 |
| “ C “ “ “ | 3 50 | No. H, with spray only. | 2 50 |
| “ 2 “ “ 2 sprays | 4 25 | Tin Atomizers. ....... | 50 |
| “ 3 “ “ 2 “ | 5 50 | Brass “ ......... | 1 00 |
| “ 5 “ “ 2 “ | 6 50 | | |

**Sprinklers.** (Rubber.) For watering house plants. Straight or bent neck, large size, $1.00; small size, 50c.; by mail, 10c. extra.

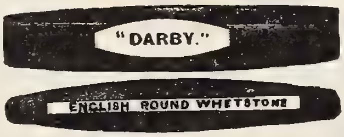
**Trowels.** American steel, 10 cts., 20 cts. and........ 25
English pattern, steel, strong, 6-in., 40 cts.; 7-in...... 50
Cleves'. Angle, 5-in., 15 cts.; 8-in....... ....... 25
Tomato, 50 cts.; Berry, 30 cts.; Transplanting. .. .. 30

Shovels and Spades.

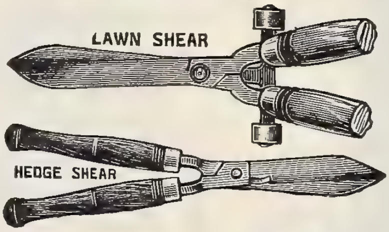


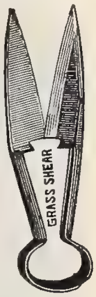


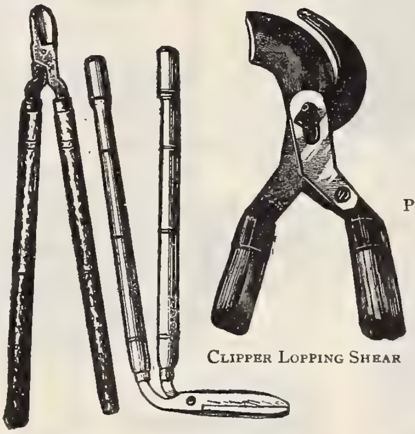
English Lawn Scythe.



Scythe Stones.

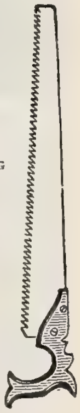




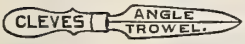


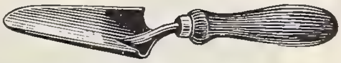
Clipper Lopping Shear.

…ping Shear. Border Shear.

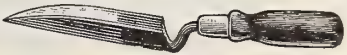


Tree Pruning Saw.

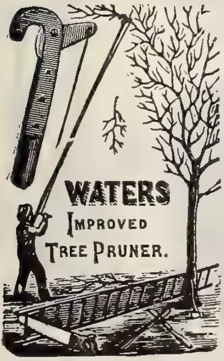


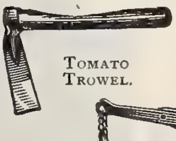


American Steel Trowel.

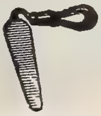


English Pattern Steel Trowel.

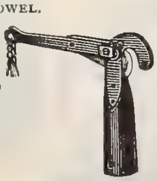




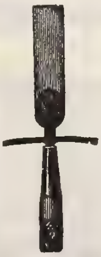
Tomato Trowel.



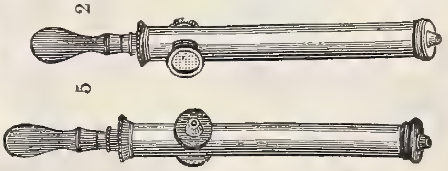
Transplanting Trowel.



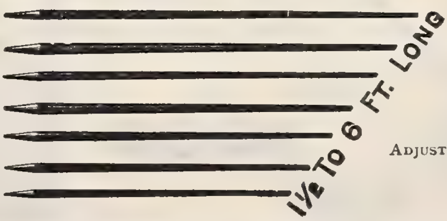
Telegraph Tree Pruner.



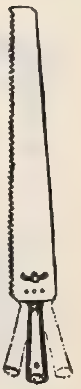
Steel Spud.



Brass Syringes.



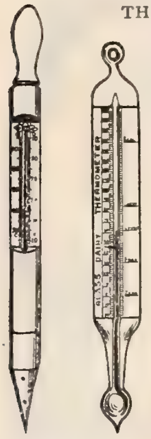
Plant Stakes Painted Green.



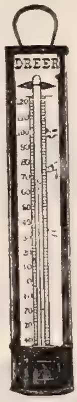
Adjustable Pole Tree Saw.

**SEND FOR CATALOGUE OF TOOLS, POULTRY SUPPLIES, ETC.**

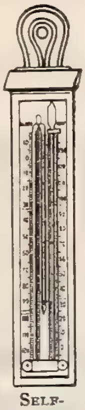
THERMOMETERS.



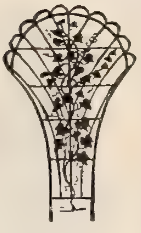
Hotbed, Dairy, or Mushroom.



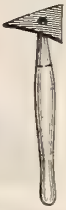
Copper Case.



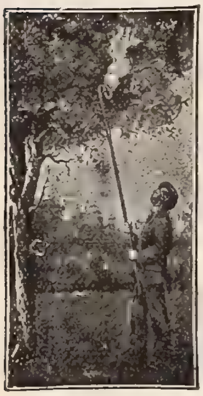
Self-registering.



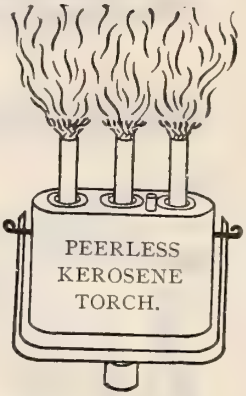
Wire Trellis.



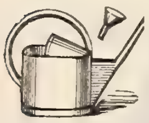
Tree Scraper.



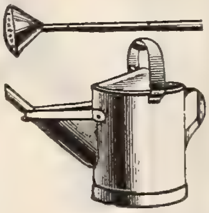
Asbestos Torch.



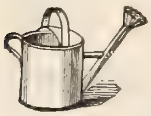
PEERLESS KEROSENE TORCH.



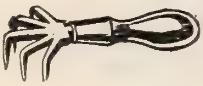
Oval Galvanized Watering Can.



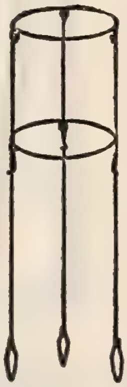
Round Gal. Watering Can.



Light Galv. Watering Can.



Excelsior Weeder.



Pæony or Tomato Trellis.

**Thermometers.** While we use great care in the packing of Thermometers for shipment, they travel at purchaser's risk.

| | |
|---|---|
| Dreer's Special, oxydized scales | $1 00 |
| Tin, jappanned, regular, 8 in., 15 cts.; 10 in. | 25 |
| Tin, jappanned, tested, 8 in.; 60 cts.; 10 in., 75 cts.; 12 in. | 1 00 |
| Copper case, tested, 8 in., 85 cts.; 10 in. | 1 00 |
| Conservatory, porcelain, scale, large figures | 1 00 |
| Self-registering, tin case, $2.50, porcelain copper case. | 3 00 |
| Hotbed or Mushroom, iron point, $1.00; brass point | 1 50 |
| Dairy or hotbed (glass) | 25 |

| | |
|---|---|
| **Torch,** for burning catapillars' nests. Asbestos, 40 cts.; Peerless, kerosene | 50 |
| **Trellis.** Pæony or Tomato (Wire), each, 20 cts.; doz. | 1 75 |
| Tomato (Wood), each, 20 cts.; doz. | 1 75 |
| Wire, for small vines, etc., 12 in., 20 cts.; 15 in., 25 cts.; 18 in., 30 cts.; 24 in | 40 |

**Watering Cans.** Galvanized. Two qualities, heavy and light. The heavy have brass tips and two copper-faced roses; the light has one rose:

| | LIGHT ROUND. | HEAVY ROUND. | HEAVY OVAL. |
|---|---|---|---|
| 4 qt. | $0 40 | $1 60 | |
| 6 " | 50 | 1 85 | $2 10 |
| 8 " | 60 | 2 00 | 2 35 |
| 10 " | 70 | 2 25 | 2 60 |
| 12 " | 80 | 2 60 | 2 85 |
| 16 " | 90 | 3 15 | |

| | |
|---|---|
| Low, for Greenhouse, galvanized | 1 50 |
| Window Garden. Light weight, painted green. 2 qt., 50 cts.; 4 qt, 75 cts.; 6 qt. | 1 00 |

**Weeders.** (See also Dock Extractors and Spuds.)

| | |
|---|---|
| Excelsior, 10 cts.; Lang's, 25 cts.; Eureka, 25 cts.; Hazeltine. | 25 |
| Climax Lawn Weeder, 75 cts.; Champion Weed Puller. | 50 |
| **Tree Scrapers.** Steel, 10 and 20 in. handle | 60 |

**Wheelbarrows.** Garden. See page 283.

## SUNDRIES.

**Propagating Sand.** Peck, 20 cts.; bu., 60 cts.; sack, barrel quantity, $1.50.

**Prepared Potting Soil.** Peck, 20 cts.; bu. 60 cts.; sack, barrel quantity, $1.50.

**Sphagnum Moss.** For growing orchids and packing plants and trees, etc. Bbl., $1.25; bale, $2.50.

**Jersey Peat.** Bbl., or sack, $1.25; 5 bbls., $5.00.

**Oregon Peat.** Only for orchids. Lb., 10 cts.

**Green Linen Twine.** For Smilax. Lb., 60 cts.

**Green Cotton Twine.** For tying. Lb., 50 cts.

**White Cotton Twine.** For tying. Lb., 20 cts.

**Jute Twine.** For tying plants and vegetables. 2, 3 and 5-ply. Lb., 15 cts.; 10 lbs., $1.25.

**Tar Twine.** For tying mats, fodder, etc. Lb., 10 cts.

**Silkaline.** A strong green thread for tying plants; used for Smilax and Asparagus Vine. Per spool, 25 cts.

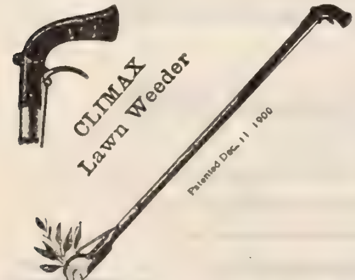
**Raffia.** For tying plants. Per lb., 20 cts.; 5 lbs., 85 cts.

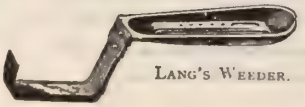
**Mastica.** A substitute for putty. $1.25 per gal.; in lots of 5 gals. and over, $1.15 per gal.

**Mastica Machine.** For applying Mastica. $1.25.

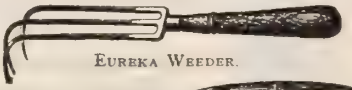
**Putty Distributor.** For putty or Mastica. $1.00.

**Twemlow's English Liquid Putty.** 1 gal., $1.45; 5 gals., $7.00.

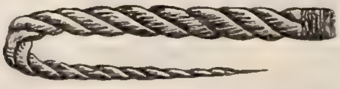




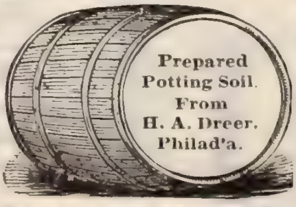
Lang's Weeder.

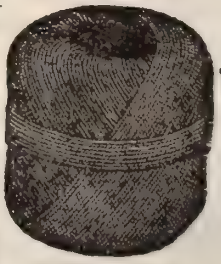


Eureka Weeder.

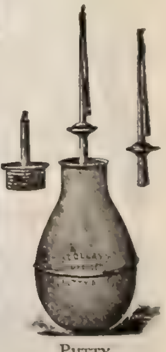


Raffia.


Prepared
Potting Soil.
From
H. A. Dreer.
Philad'a.



Jute Tying Twine.



Putty Distributor.

**SEND FOR CATALOGUE OF TOOLS, POULTRY SUPPLIES, ETC.**

**Spraying** is essential to produce good crops of any kind, whether it be fruits, vegetables or flowers, and since the introduction of spraying apparatus, which are simple and economical, a complete Spraying Outfit is an indispensible requisite. We supply Pumps for large operations, and also complete outfits for the Vegetable and Flower Garden. Spraying must be done intelligently or the labor is wasted.

### SPRAYERS AND SPRAY PUMPS.

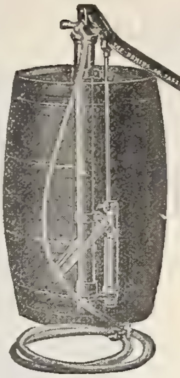
| | |
|---|---|
| **"Perfect Success" Bucket Pump.** One of the best. Complete with hose and nozzle, $4.75; with extra 7 ft. hose, $5.85; with kerosene attachment | $10 00 |
| **Myers' Bucket Pump.** For general use. Very powerful, brass chamber | 3 00 |
| **"Success" Knapsack.** (Copper.) Holds 5 gallons. | 14 50 |
| With kerosene attachment | 19 75 |
| **Auto Spray.** Holds 4 gallons; easily carried; one pumping will spray 10 minutes. Galvanized iron, $4.50; brass, $6.75; Extension rod, 24 in. long | 25 |
| **Auto Spray Pump and White Washing Machine.** A general purpose sprayer; fitted with 8 feet of hose, 8 ft. extension pipe, with Vermorel nozzle; holds 8 gallons. Galvanized | 11 20 |
| Brass | 13 20 |
| **Atomizer Spray Syringe.** Tin, 50 cts.; brass | 1 00 |
| **Woodason's Spray Bellows.** Small, $1.25; large. | 1 75 |
| **"Imperial" Barrel Spray Pump.** (Myers'.) Very powerful, brass chamber with hose and nozzle | 6 50 |
| **Deming's Simplex Barrel Spray Pump.** With agitator and 12½ ft. hose and nozzle | 10 00 |
| **Deming's "Gardner's Choice" Spray Outfit.** A tank on wheels, holds 25 gallons, fitted with a powerful pump; complete | 12 50 |
| **Deming's "Granger" Barrel Spray Pump.** A very powerful pump; complete with hose and nozzle | 11 50 |
| **Deming's "Century" Barrel Spray Pump.** An extra powerful pump; complete with hose and nozzle | 13 00 |
| **Deming's "Century" Barrel Spray Pump.** Small size | 11 50 |
| **Iron Extension Rods.** For tree spraying; 4 ft. lengths | 25 |

### SPRAY NOZZLES.

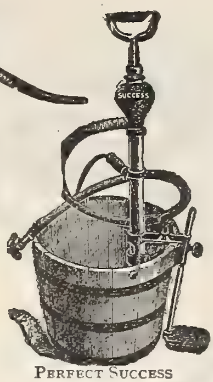
| | |
|---|---|
| Bordeaux, 75 cts.; Vermorel, 75 cts.; Double Vermorel, $2.00; Triple Vermorel, $2.75; Mistry | 1 60 |
| Demorel, 60 cts.; Nonclog | 1 25 |

### DRY POWDER DISTRIBUTORS.

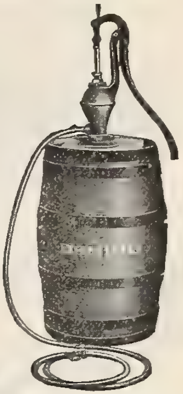
| | |
|---|---|
| **Tin Dusters.** For spreading dry powders | 35 |
| **Leggett's "Champion" Powder Gun.** A powerful machine for orchard and field use | 8 00 |
| **Hand Powder Gun.** Holds 4 ozs., 20 cts., by mail | 25 |
| **Woodason's** Double Cone Bellows | 3 00 |
| " Large single cone, $1.75; Small single cone. | 1 00 |
| " Sulphur Bellows | 1 50 |
| **Peerless Sulphur Machine Blower** | 4 50 |
| **Farmers' Acme Bellows** | 1 00 |
| **Brass Syringes.** Full list of sizes, see page 279. | |

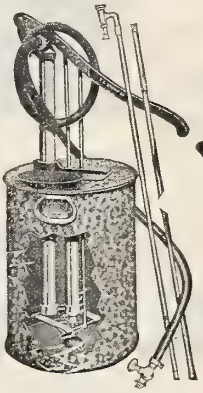


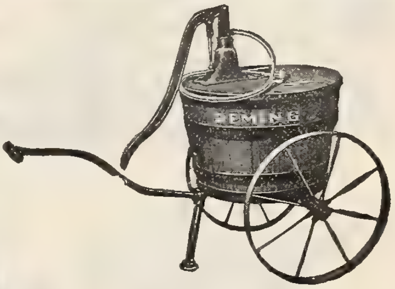
Deming's "Century" Barrel Spray Pump.



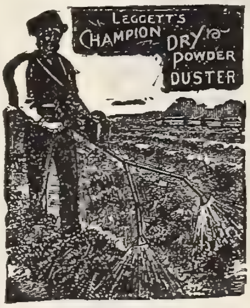
Perfect Success Bucket Pump.

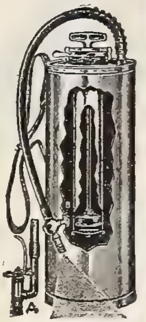

Deming's Simplex Barrel Spray Pump.


"Auto" Spray Pump and White-Washing Machine.



Gardener's Choice Spray Outfit.

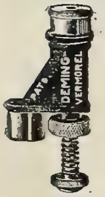

LEGGETT'S CHAMPION DRY POWDER DUSTER



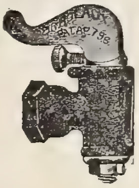
PATENTED.
"Auto" Sprayer.

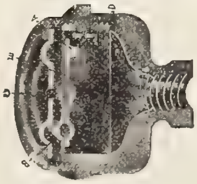
"Auto" Sprayer at Work.

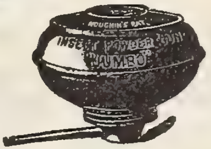
Spray Nozzles.



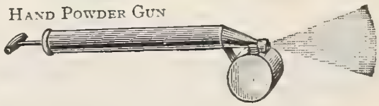
Vermorel.

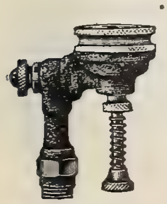

Bordeaux.

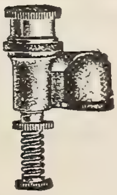

Nonclog.

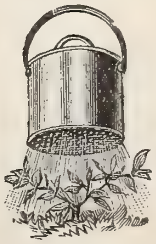


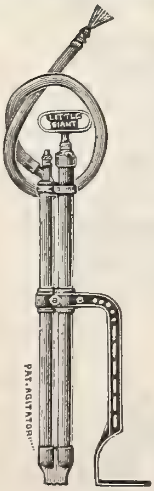
Hand Powder Gun


Atomizer Spray Syringe.

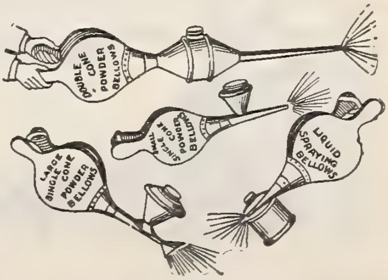

Mistry.


Demorel.


Tin Powder Duster.



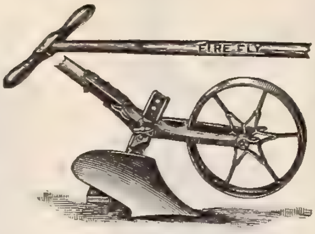
Myers' Bucket Pump.


DOUBLE CONE POWDER BELLOWS
SMALL SINGLE CONE BELLOWS

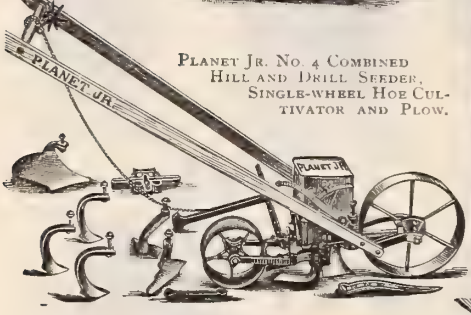
LARGE SINGLE CONE POWDER BELLOWS
Woodason's Powder and Spray Bellows.

SEND FOR CATALOGUE OF TOOLS, POULTRY SUPPLIES, ETC.

# PLANET JR. GARDEN AND FARM TOOLS,



"Fire Fly" Hand Plow.

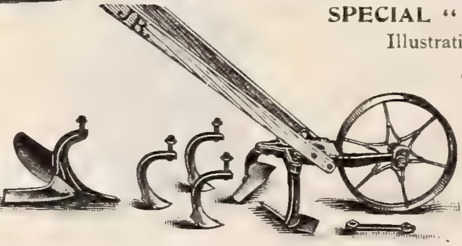


PLANET JR. NO. 4 COMBINED HILL AND DRILL SEEDER, SINGLE-WHEEL HOE CULTIVATOR AND PLOW.

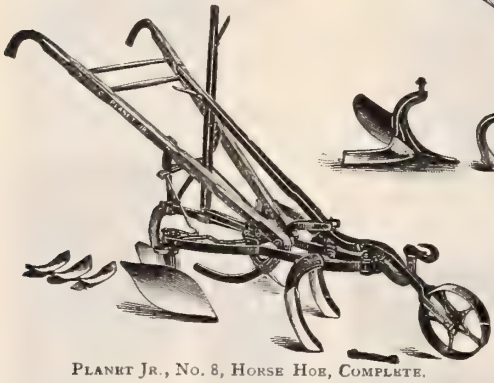
PLANET JR., SINGLE WHEEL HOE AT WORK.

## SPECIAL "PLANET JR." CATALOGUE.

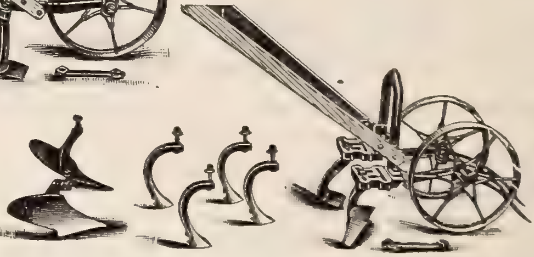
Illustrating and describing the entire line of this celebrated make of Garden Tools. Sent to anyone on application.



PLANET JR., NO. 17, SINGLE WHEEL HOE.



PLANET JR., NO. 8, HORSE HOE, COMPLETE.

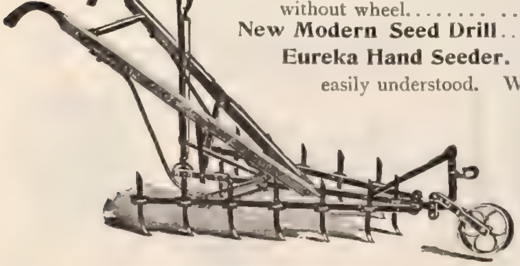


PLANET JR., NO. 12, DOUBLE WHEEL HOE.

| | |
|---|---|
| **Planet Jr., No. 16, Single Wheel Hoe** has 1 Plow, 2 Hoes, 3 Cultivator teeth, 2 Rakes and Leaf Lifter | $5 35 |
| " " " 17 " " " " 1 Plow, 2 Hoes and 3 Cultivator teeth | 4 50 |
| " " " 17½ " " " " 2 Hoes and 3 Cultivator teeth | 4 00 |
| " " " 18½ " " " " 2 Sets of Discs only | 4 25 |
| " " " 38 " " " " Same as No. 16, with 2 sets discs additional | 6 50 |
| " " " 12 **Double Wheel Hoe** " 2 Plows, 2 Hoes, 4 Cultivators and Leaf Lifters | 6 50 |
| " " " 13 " " " " 2 6-inch Hoes only | 4 25 |
| " " " 14 " " " " 1 Set Disc Hoes, two 3-prong Cultivator teeth, 2 Plows, 2 Leaf Lifters | 7 50 |
| " " " 13½ " " " " 1 Set of Discs only | 5 50 |
| " " " 4 **Combined Hill and Drill Seeder and Single Wheel Hoe** complete | 10 50 |
| " " " 4 **Hill Drill Seeder** only | 8 50 |
| " " " 3 **Hill Dropping and Drill Seeder** only. Capacity 3 qts | 10 00 |
| " " " 8 **Horse Hoe and Cultivator,** with depth regulator and expander. Complete | 8 50 |
| " " " 9 " " " Plain with wheel only | 7 25 |
| **Fire-fly Hand Plow.** A useful tool. Will make a furrow 4 to 6 inches wide and 1 to 3 inches deep. Splendid for the chicken raiser to plow up scratching yards | 2 25 |

## "IRON AGE" GARDEN AND FARM TOOLS.

| | |
|---|---|
| **Gem Single Wheel Hoe and Cultivator,** has 5 Cultivator teeth, 2 Hoes and Double Plow | $4 50 |
| " **Double** " " " " " 5 " " 2 " " " " | 5 50 |
| **Iron Age, No. 1, Combined Harrow and Cultivator.** A splendid tool. With Wheel, $5.00; without wheel | $4 50 |
| **New Modern Seed Drill** | 8 00 |
| **Eureka Hand Seeder.** A handy seeder for sowing small quantities, simple in construction, easily understood. Will sow from a small packet up to several ounces | 1 00 |

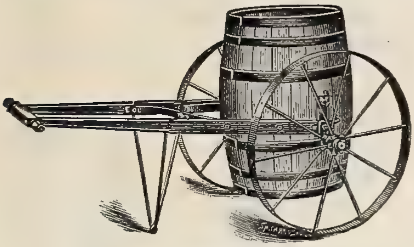


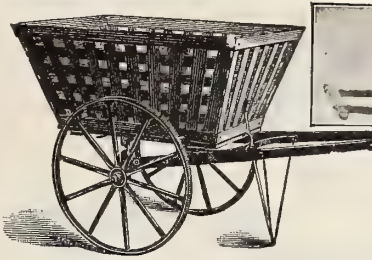
No. 1, IRON AGE COMBINED HARROW AND CULTIVATOR.

## SPECIAL CATALOGUE OF "IRON AGE" IMPLEMENTS.

Containing complete descriptions and illustrations of this make of Garden and Farm Wheel Hose, Cultivators, etc., etc. Mailed free on application.

SEND FOR CATALOGUE OF TOOLS, POULTRY SUPPLIES, ETC.


Truck and Barrel.


Truck and Leaf Rack.

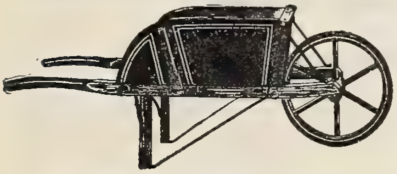
Truck and Hand Cart.

## TRUCK WITH WATER BARREL, LEAF RACK AND HAND CART.

This is one of the indispensable adjuncts to a well ordered country or suburban garden. Its uses are innumerable. The trucks are equipped with steel wheels, and can be had with 1½, 2½ or 3½-inch tires, are strong and durable, no castings to break, and with ordinary care will last for many years. The truck is 39½ inches wide, outside measurement, and can be used either with the Water Barrel, Leaf Rack or Hand Cart. All being made to attach or detach in an instant, they can be taken apart in a few moments and stored in very little space.

| Truck and Water Barrel. | | Truck and Leaf Rack. | | Truck and Hand Cart. | |
|---|---|---|---|---|---|
| With 1½ in. tires | $9 50 | With 1½ in. tires | $11 00 | With 1½ in. tires | $9 75 |
| " 2½ in. " | 10 25 | " 2½ in. " | 11 75 | " 2½ in. " | 10 50 |
| " 3½ in. " | 11 00 | " 3½ in. " | 12 50 | " 3½ in. " | 11 25 |

Extra barrels with trunnions, $3.00; extra trunnions, 50 cts. a pair. Leaf Rack only, $5.50; Hand Cart Box only, $3.25.

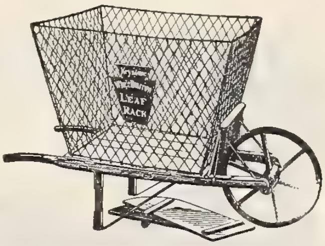


### EASTERN GARDEN BARROW.

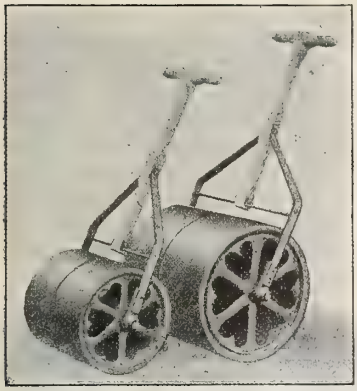
| | |
|---|---|
| No. 4, Garden, 1¾-in. Tire | $3 75 |
| " 5, " 1¾ " " | 4 25 |
| " 4, " 3 " " | 4 00 |
| " 5, " 3 " " | 4 50 |
| Special Narrow for Greenhouse | 4 50 |
| Boys' $2 50 \| Canal | 2 25 |

### KEYSTONE LEAF RACK.

This can be attached to any size wheelbarrow with removable sides. It is most convenient for gathering leaves, cut grass and rubbish. One of these should be in use on every small as well as large place. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. It can readily be taken apart, occupying but little space when not in use. Price, $4.00.



Keystone Leaf Rack Attachment.


Boss Hand Lawn Roller.

## THE "BOSS" HAND LAWN ROLLERS.

These Rollers are of neat finish, with beveled edges and a smooth surface, very strong and durable. A Roller weighing from 200 to 400 pounds can be readily handled by one man. The benefit derived from using a Roller on the lawn, especially in the spring, is not fully understood. The action of freezing and thawing causes the ground to "heave," and if the sod is not firmly pressed back with a roller before hot weather the grass is apt to be killed or injured, leaving the lawn full of bare spots.

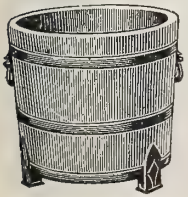
| No. | Diam. | Length. | Sec. | Lbs. | Price. | No. | Diam. | Length. | Sec. | Lbs. | Price. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 15 in. | 15 in. | 2 | 150 | $7 60 | 9 | 24 in. | 20 in. | 2 | 400 | $19 60 |
| 2 | 15 " | 22 " | 3 | 200 | 10 00 | 10 | 24 " | 24 " | 2 | 450 | 22 00 |
| 3 | 20 " | 16 " | 2 | 225 | 11 20 | 11 | 24 " | 24 " | 3 | 450 | 22 00 |
| 4 | 20 " | 20 " | 2 | 250 | 12 40 | 12 | 24 " | 30 " | 3 | 500 | 24 40 |
| 5 | 20 " | 20 " | 1 | 250 | 12 40 | 13 | 28 " | 24 " | 2 | 500 | 24 40 |
| 6 | 20 " | 24 " | 3 | 300 | 14 80 | 14 | 28 " | 24 " | 3 | 500 | 24 40 |
| 7 | 20 " | 24 " | 2 | 300 | 14 80 | 15 | 28 " | 30 " | 3 | 600 | 29 20 |
| 8 | 20 " | 30 " | 3 | 350 | 17 20 | 16 | 28 " | 32 " | 4 | 650 | 31 60 |

**We can Supply Large Field and Golf Rollers. A Full Descriptive Catalogue of Rollers on Application.**

### MACHINE-MADE PLANT TUBS.

Made of white cedar, painted green and bound with extra heavy iron hoops. Drop handles. Iron legs. Removable, perforated bottom.

**PRICES MACHINE-MADE TUBS.**


Machine-made Plant and Tree Tub.

| No. | Outside Diam. | Inside Diam. | Length of Stave. | Each. |
|---|---|---|---|---|
| 0 | 27 in. | 25 | 24 in. | $5 25 |
| 1 | 25 " | 23½ | 21½ " | 4 75 |
| 2 | 23 " | 21 | 20 " | 4 25 |
| 3 | 21 " | 18¾ | 18 " | 3 60 |
| 4 | 18 " | 16½ | 16 " | 2 90 |
| 5 | 16 " | 14½ | 14 " | 2 60 |
| 6 | 14 " | 12½ | 12 " | 2 10 |
| 7 | 13 " | 11½ | 10 " | 1 85 |
| 8 | 12 " | 10¾ | 9½ " | 1 65 |

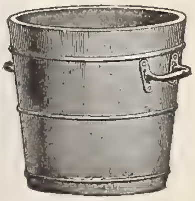
### DREER'S IMPROVED KEYSTONE PLANT TUBS.

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust, durable, neat and attractive. A good tub at a moderate price.

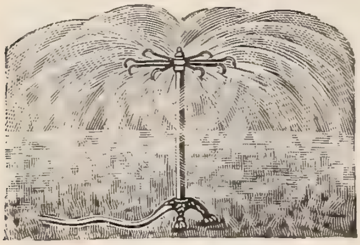
**PRICES IMPROVED KEYSTONE TUBS.**

| | Outside Diam. | Inside Diam. | Length of Stave. | Each. |
|---|---|---|---|---|
| No. A | 11 | 10 | 12 | $0 75 |
| " B | 12¼ | 11 | 12 | 85 |
| " C | 13¼ | 12 | 13 | 1 00 |
| " D | 14¼ | 13 | 14 | 1 25 |
| " E | 15¾ | 14 | 14 | 1 50 |
| " F | 16¼ | 15 | 15 | 1 75 |

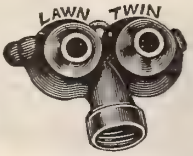
Three largest sizes are supplied with handles.


Improved Keystone Plant and Tree Tub.

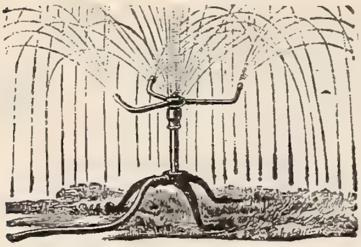
**SEND FOR CATALOGUE OF TOOLS, POULTRY SUPPLIES, ETC.**



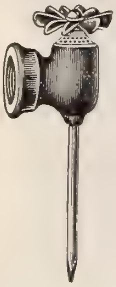
Peck's Lawn Sprinkler.



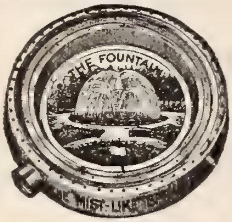
Lawn Twin Sprinkler.



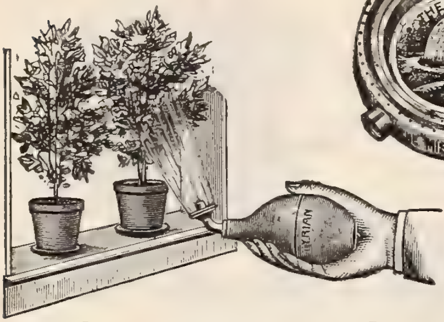
California Lawn Sprinkler on Stand.



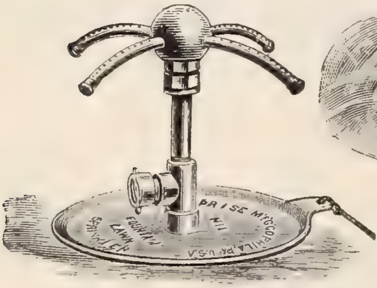
Crescent Sprinkler.



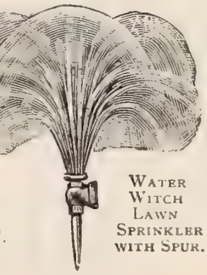
Fountain Sprinkler.



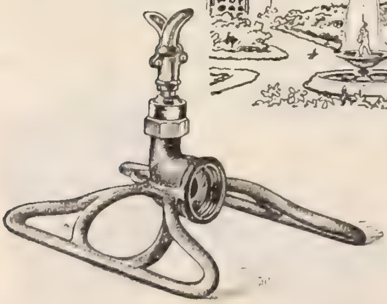
Rubber Sprinkler. Straight or Bent.



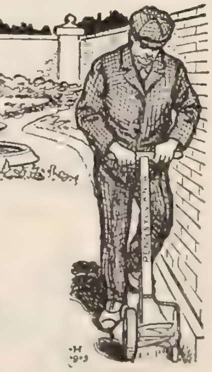
Enterprise Lawn Sprinkler (Large).



Water Witch Lawn Sprinkler with Spur.



Water Witch Lawn Sprinkler on Sled Base.



Pennsylvania Ball Bearing Lawn Trimmer.

## LAWN SPRINKLERS.

| | | |
|---|---|---|
| **Peck's Lawn Sprinkler,** | with 8-arms | $3 75 |
| “ “ “ | with 4-arms | 3 25 |
| **Lawn Twin.** | The best to lay on ground. | 40 |
| **California.** | On stand | 1 00 |
| “ | On stand, nickel top | 1 25 |
| “ | On sled base, nickel top | 1 50 |
| **Cloud-burst.** | On sled base, nickel top | 85 |
| **Fountain.** | Brass | 1 00 |
| “ | Tin | 25 |
| **Crescent.** | With spur to stick in ground | 25 |
| **Water Witch.** | With spur to stick in ground | 50 |
| “ “ | On sled base | 75 |
| **Enterprise.** | On sled base; large | 3 75 |
| “ | On sled base; small | 3 00 |
| **Rubber Sprinkler.** | Small, straight neck | 50 |
| “ “ | Small, angular neck | 50 |
| “ “ | Large, angular neck | 1 00 |
| “ “ | Large, straight neck | 1 00 |

## PENNSYLVANIA UNDERCUT BALL BEARING LAWN TRIMMER.

New 1911 model. This machine differs from all others, will do the same work and more. It is new, with a new feature—“Undercut.” Will cut directly up to a wall or fence, and cut into the space under the fence, or a projecting wall. This has never been accomplished by any other Trimmer, 6-inch cut. Price, $7.50.

## PENNSYLVANIA BALL BEARING LAWN TRIMMER.

For cutting around borders and Flower beds, and close to wall, fence or stone coping, 6-inch cut. Price, $5.00.

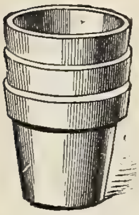
## PENNSYLVANIA GEM LAWN CLEANER.

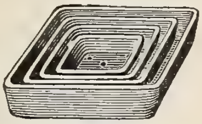
This machine will remove from the lawn not only the cut grass, but all litter, leaves and trash, leaving the grass standing upright, and raises up the low-growing crab grass and other spreading weeds, allowing the lawn mower to cut the seed off before they ripen, thus preventing their reappearing the following year. This work is most effectually accomplished by the use of the Pennsylvania Gem Lawn Cleaner and Rake. Works like a carpet sweeper. One man can do more work than four with rakes. Easy to operate, 24 inches wide. Price, $16.00.

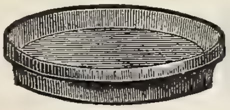
Send for descriptive circular.

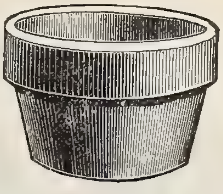
Pennsylvania Gem Lawn Cleaner.

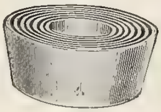
# Flower Pots, Saucers, Seed Pans, Wood Fibre Ware.

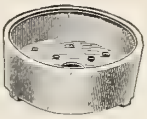

STANDARD FLOWER POTS.

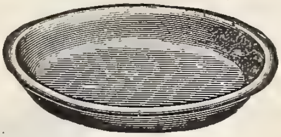

SEED PANS.

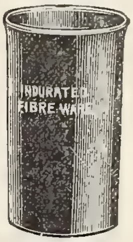

SAUCERS.


BULB OR LILY PANS.


ROUND FERN PANS


FERN DISH LINER.


WOOD FIBRE SAUCERS.



WOOD FIBRE VASES.

## STANDARD FLOWER POTS.

Full inside measurement, No charge for packing. Six at dozen rates; 50 at 100 rates; 500 at 1000 rates.

| SIZES. | DOZEN. | 100. | 1000. |
|---|---|---|---|
| 1¾ in | $0 06 | $0 44 | $3 46 |
| 2 " | 07 | 50 | 3 96 |
| 2¼ " | 08 | 56 | 4 45 |
| 2½ " | 09 | 69 | 5 45 |
| 3 " | 11 | 88 | 6 93 |
| 3½ " | 14 | 1 06 | 8 41 |
| 4 " | 18 | 1 38 | 10 89 |

| SIZES | EACH. | DOZEN. | 100. | 1000. |
|---|---|---|---|---|
| 4¼ in |  | $0 20 | $1 56 | $12 37 |
| 4½ " |  | 24 | 1 88 | 14 85 |
| 5 " |  | 32 | 2 50 | 19 80 |
| 5½ " |  | 41 | 3 13 | 24 75 |
| 6 " | 5 | 49 | 3 75 | 29 70 |
| 6½ " | 7 | 62 | 4 80 | 44 00 |
| 7 " | 8 | 78 | 6 00 | 55 00 |

| SIZES. | EACH. | DOZEN. | 100. |
|---|---|---|---|
| 8 in | $0 11 | $1 09 | $ 8 40 |
| 9 " | 16 | 1 56 | 12 00 |
| 10 " | 22 | 2 11 | 16 20 |
| 11 " | 29 | 2 81 | 21 60 |
| 12 " | 40 | 3 90 | 30 00 |
| 14 " | 80 | 7 80 | 60 00 |

### Flower Pot Saucers.

| SIZES. | EACH. | DOZEN. |
|---|---|---|
| 4 in | 2 cts | 15 cts. |
| 5 " | 3 " | 18 " |
| 6 " | 4 " | 24 " |
| 7 " | 5 " | 31 " |
| 8 " | 6 " | 47 " |
| 9 " | 8 " | 62 " |
| 10 " | 9 " | 78 " |
| 11 " | 11 " | 94 " |
| 12 " | 15 " | 1 17 " |
| 14 " | 25 " | 1 95 " |

### Round Bulb or Lily Pans.

| WIDTH. | HEIGHT. | EACH. | DOZEN. |
|---|---|---|---|
| 6 in | 3 in | $0 07 | $0 68 |
| 7 " | 3½ " | 08 | 78 |
| 8 " | 4 " | 10 | 98 |
| 9 " | 4½ " | 15 | 1 30 |
| 10 " | 5 " | 20 | 1 63 |
| 12 " | 6 " | 25 | 2 28 |
| 14 " | 7 " | 50 | 4 55 |
| 16 " | 8 " | 90 | 7 80 |
| 18 " | 9 " | 1 25 | 11 70 |

### Fern Pans.

| WIDTH. | HEIGHT. | EACH. | DOZEN. |
|---|---|---|---|
| 4 in | 1⅞ in | $0 04 | $0 31 |
| 4¾ " | 2⅛ " | 05 | 33 |
| 5½ " | 2¼ " | 06 | 41 |
| 6¼ " | 2½ " | 07 | 49 |
| 7 " | 2⅝ " | 09 | 55 |
| 8 " | 3⅛ " | 11 | 79 |
| 9 " | 3¼ " | 15 | 95 |

### Fern Dish Liner.

| | | | |
|---|---|---|---|
| 7 " | 1⅞ " | $0 08 | $0 55 |

### Wood Fibre Saucers.

| | EACH. | DOZ. | | EACH. | DOZ. |
|---|---|---|---|---|---|
| 4 in., | 9 cts. | $1 00 | 10 in., | 15 cts., | $1 55 |
| 5 " | 10 " | 1 10 | 12 " | 18 " | 1 75 |
| 6 " | 11 " | 1 15 | 14 " | 22 " | 2 50 |
| 7 " | 12 " | 1 25 | 16 " | 35 " | 4 25 |
| 8 " | 13 " | 1 35 | 18 " | 40 " | 4 75 |
| 9 " | 14 " | 1 45 | | | |

### Square Wood Orchid Basket.

Made of white cedar wood.

| SIZE. | EACH. | DOZ. |
|---|---|---|
| 6 in | $0 35 | $4 00 |
| 8 " | 45 | 5 00 |
| 10 " | 55 | 6 00 |
| 12 " | 70 | 7 00 |

### Wood Fibre Vases.

For cut flowers; neat, attractive and waterproof.

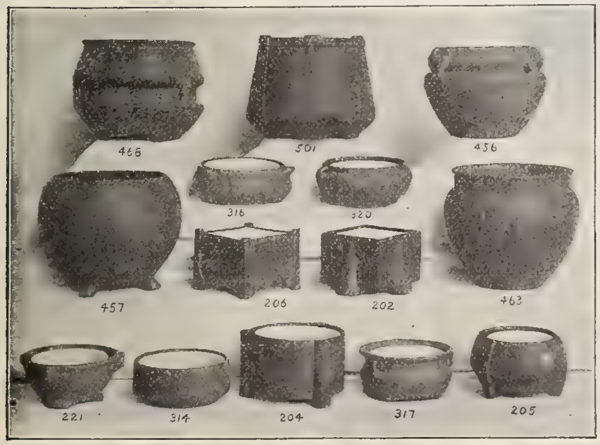
| NO. | DIAM. | DEPTH. | EACH. | DOZEN. |
|---|---|---|---|---|
| 0 | 8 in., | 13 in., | $0 50 | $ 5 40 |
| 1 | 5½ " | 10 " | 45 | 4 80 |
| 2 | 4½ " | 9 " | 40 | 4 20 |
| 3 | 4 " | 6 " | 35 | 3 60 |
| 4 | 3 " | 4½ " | 30 | 2 80 |
| 00 | 9 " | 22 " | 1 75 | 21 00 |
| 11 | 5½ " | 18 " | 55 | 6 00 |
| 22 | 4½ " | 15 " | 50 | 5 40 |
| 33 | 4 " | 12 " | 45 | 4 80 |
| 44 | 3 " | 9 " | 40 | 4 20 |

### Square Seed Pans.

| | EACH. | DOZ. |
|---|---|---|
| 6 in. | $0 20 | $2 00 |
| 8 " | 25 | 2 50 |
| 10 " | 30 | 3 00 |
| 12 " | 35 | 3 50 |

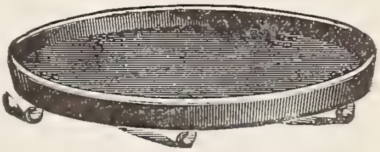
### Wood Fibre Rolling Stands for Heavy Plants.

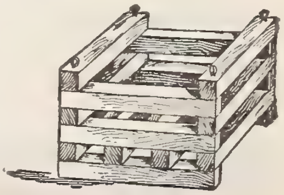
| | EACH. |
|---|---|
| 12 in., for a 10 in. pot | $0 60 |
| 14 " " 12 " " | 70 |
| 16 " " 14 " " | 90 |
| 18 " " 16 " " | 1 0 |
| 20 " " 18 " " | 1 10 |
| 22 " " 20 " " | 1 35 |



### New and Popular Mat Green Ware Jardinieres and Fern Dishes.

Made in artistic designs and graceful shapes, colored a rich dark green. These Jardinieres and Fern Dishes, in combination with plant, make an ideal effect. Jardinieres from 5 inches to 10 and ranging from 50c. to $2.00. Fern Dishes from 4 inches to 8 ranging from 25c. to $1.00. Descriptive card with sizes and prices mailed on application.


WOOD FIBRE ROLLING STANDS.


WOOD ORCHID BASKET.

SEND FOR CATALOGUE OF TOOLS, POULTRY SUPPLIES, ETC.

# POULTRY SUPPLIES.

We list below but a few of the leading Poultry Foods and Sundries. For complete list see our special catalogue of Tools, Implements, Poultry Supplies, etc. Free on application.

**Alfalfa Meal.** One of the best green foods during the winter and early spring. 50 lb. bag, $1.25; 100 lb. bag, $2.35.

**Animal Meal.** Egg-producing, flesh and bone-forming food. Just what laying hens and growing chicks require. 5 lbs., 20 cts.; 25 lbs., 75 cts.; 50 lbs., $1.35; 100 lbs., $2 50.

**Beef Scraps.** Made specially for us from healthy meat; fresh and pure. A splendid winter food. 5 lbs. 25 cts.; 10 lbs., 40 cts.; 50 lbs., $1.85; 100 lbs., $3.50.

**Chick Manna.** This should be the first and only food given the first 10 to 12 days. Full directions on each package. 1 lb., 10 cts.; 5 lbs, 40 cts.; 15 lbs., $1.10; 60 lbs., $4.20

**Cut Clover Hay.** Has great value as a food. Tones up fowls and improves their general health. 50 lb. bag, $1.25; 100 lb. bag, $2.25.

**Imperial Egg Food.** Very useful for making hens lay winter and summer. Acts as a tonic during moulting, and keeps them in good condition at all times. 26 oz. package, 25 cts.; 60 oz. package, 50 cts.

**Peerless Chick Food.** A mixture of various grains, producing quick, healthy growth. 5 lbs., 25 cts.; 10 lbs., 40 cts.; 50 lbs, $1.50; 100 lbs., $2.75.

**Mica Crystal Grit.** To aid digestion it is necessary to feed some gritty material. We can supply this in two grades, fine for small chicks and birds, coarse for large fowls. Price, 5 lbs., 10 cts.; 25 lbs., 30 cts.; 100 lbs., 85 cts. Special price by the ton.

**Prepared Oyster Shells.** Manufactured from shells in a pure condition. The lime contained in the shells assists in the formation of the egg, and contributes to the general health of the fowls. A handful to five fowls daily will be found valuable at all seasons of the year. Coarse or fine. 5 lbs., 10 cts; 25 lbs., 30 cts.; 100 lbs., 75 cts. Special price by the ton.

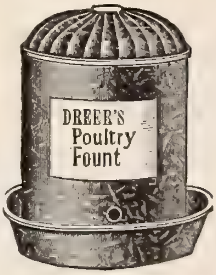
**Ground Charcoal.** This is excellent for young and old chicks; should be kept constantly in reach of small chicks. Will prevent diarrhœa, if fed once or twice a week. Price, per lb., 10 cts; 5 lbs., 30 cts.; 10 lbs, 45 cts.; 25 lbs., $1.00; 100 lbs, $3.50.

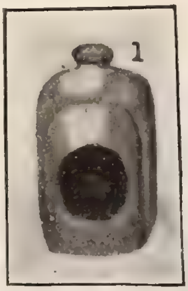
**Medicated Nest Eggs.** Used as a disinfectant. Made of a composition of tar camphor. Each, 5 cts.; per doz., 50 cts.

**Porcelain Nest Eggs.** Each, 5 cts.; per doz., 25 cts. By mail, 50 cts.

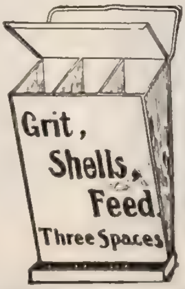
**Wire Hen's Nest.** Supported on walls by hooking over two nails. Price, 15 cts. each; $1.75 per doz.

**Aluminum Adjustable Poultry Leg Bands.** For marking fowls. Numbered from 1 to 100. Price, postpaid, 12 for 30 cts.; 25 for 50 cts.; 50 for 75 cts.; 100 for $1.25





STONEWARE FOUNT.



**Peerless Poultry or Scratch Food.** Coarse ground for large fowls. 5 lbs., 25 cts; 10 lbs., 40 cts.; 50 lbs., $1.25; 100 lbs., $2 25.

**Poultry Bone.** A selected grade and much used by leading poultry men. 5 lbs., 25 cts.; 25 lbs., $1.00; 50 lbs., $1.50; 100 lbs., $2.50.

**Pratt's Poultry Food.** Excellent either for small chicks or large fowls. 1½ lb. package, 25 cts.; 5 lbs., 60 cts.; 12 lbs., $1.25; 25 lbs., $2.50.

**Sheridan's Condition Powder.** Strictly a medicine for the prevention and cure of all poultry diseases. 25 cts. and $1.00 per package; by mail, 30 cts. and $1.25.

**Sturtevant's Poultry Cure.** For the ailments of all varieties of Poultry, Chickens, Turkeys, Geese, Ducks, etc. A guaranteed cure for all diseases of Birds—Fever, Cholera, Drooping, Roup, Swell Head, Gapes, Influenza, etc. 1 lb., 25 cts.; 2 lbs, 50 cts.

**Lambert's Death to Lice.** (Powder.) 15 oz. package, 25 cts.; postpaid, 40 cts.; 3 lb. pkg., 50 cts.; 100 oz. pkg., $1.00.

**Conkey's Roup Cure.** Roup is the most fatal and dreaded of poultry diseases. It is very contagious. Directions should be followed as given with each package. It prevents colds, and is especially recommended for pigeons. Guaranteed to cure roup in all stages. Price, 50 cts.

**Dreer's Galvanized Poultry Founts.** These Founts are made of heavy galvanized iron; they are easily cleaned, are not injured by freezing; water can be kept constantly fresh; made in four sizes; for small chicks as well as large poultry; just the Fount to be used in a brooder. 1 qt., 25 cts. each, $2.50 per doz.; 2 qts., 30 cts each, $3.00 per doz; 4 qts., 40 cts. each, $4.00 per doz.; 8 qts., 60 cts. each, $6.00 per doz.

**Stoneware Drinking Founts.** 1 qt., 25 cts.; 2 qts., 35 cts.; 3 qts., 45 cts.; 4 qts., 50 cts.

**Sanitary Galvanized Grit, Shell and Feed Box.** Three spaces; made of heavy galvanized iron; saves waste; hangs on a nail; neat, cheap and convenient. Price, 50 cts. each; $5.00 per doz.

**Gapes Exterminator.** For removing the worms from the throat and windpipe of chickens Silver wire. Price, 25 cts., with instructions. Horsehair Extractors, 10 cts.

**French Poultry and Squab Killing Knife.** The most expeditious and humane way of killing and dressing poultry is by using this knife. Made of the finest steel. Price, with full instructions, 50 cts.

**Earthenware Nest Bowls for Pigeons.** Made very heavy, so that they will not upset. Price, 10 cts. each; $1.00 per doz.

**SEND FOR CATALOGUE OF TOOLS, POULTRY SUPPLIES, ETC.**

# INSECTICIDES AND FUNGICIDES.

*If wanted by mail, add* 15 *cts. per lb. for postage. Poisons and liquids are not mailable.*

**Ant Exterminator.** For destroying ants in house, lawn and garden. 25 cts., 50 cts. and $1.00.

**Aphis Punk.** A nicotine paper for fumigating. Box, 60 cts.; case of 12 boxes, $6.50.

**Arsenate of Lead.** The best of all arsenical insecticides; does not burn the foliage, and as it shows white you can tell just what has been sprayed; sticks well to the foliage and is sure death to all leaf-eating insects. Apply at rate of 1 oz. to 1 gallon. Lb., 25 cts.; 5 lbs., 90 cts.; 12½ lbs., $2.15; 25 lbs., $4.00; 100 lbs., $14.00.

**Bordeaux Mixture.** (Liquid.) For all fungous diseases. By adding water it is ready for use. 1 qt., 40 cts.; 1 gal., $1.00; 5 gals., $4.50. One gallon will make one barrel liquid.

**Bordeaux Mixture.** (Dry.) For dusting plants affected with mildew and all fungous diseases. Can be used as a spray. 1 lb. box, 20 cts., makes 5 gallons spray; 5 lbs., 75 cts.

**Cattle Comfort.** For insects on domestic animals. Used as a spray, will relieve cattle, mules, horses and dogs from effects of flies, gnats and mosquitoes. Qt. can, 45 cts.; gal. can, $1.15; 5 gal. can, $5.00.

**Copperine.** For fungous, mildew, rust and black rot. Lb., 25 cts., makes 16 gals. liquid; 5 lbs., $1.00.

**Copper Sulphate.** For early spraying and making Bordeaux Mixture. Lb., 15 cts.; 10 lbs., $1.25; 25 lbs., $2.50.

**Fairmount Weed Killer.** The method of killing weeds thoroughly by application of this liquid has become general. It is a great laborsaver. It is to be used only on paths, drives, gutters and places where no growth is wanted. Best time to apply is after rain, while the ground is moist, and will absorb the liquid to the roots of grass and weeds. One gallon will make 50 gallons of treating liquid, sufficient to cover 150 square yards of surface. Price, ½ gal., 75 cts.; 1 gal. $1.25; 5 gals., $6.00; 10 gals., $11.00; 50 gal. bbl., $45.00.

**Fir Tree Oil.** For all insects. An effective remedy against mealy bug, red spider, thrip and green fly. ½ pt., 50 cts.; pt., 75 cts.; qt., $1.50; ½ gal. $2.75; gal., $5.00.

**Fir Tree Oil Soap.** For destroying mealy bug, scale, aphis, red spider. ½ lb., 25 cts.; 2 lbs., 75 cts.

**Grape Dust.** For mould, mildew, or rust mites, in greenhouses or the open air. 5 lbs., 30 cts.

**Hellebore.** For currant worm and sucking insects. ¼ lb., 10 cts.; ½ lb., 15 cts.; 1 lb., 25 cts.; 5 lbs., $1.00.

**Kerosene Emulsion.** (Paste.) Used as a summer wash against scale, plant lice and aphis. Ready for use by simply adding water. 1 lb., makes 10 gallons of spray, 15 cts.; 5 lbs., 60 cts.; 25 lbs., $2.50.

**Kerosene Emulsion.** Concentrated. (Liquid.) For plant lice and aphis. Qt., 40 cts.; 1 gal., $1.00; 5 gals., $4.50.

**Kil-Worm.** Destroys worms, ants and grubs infesting golf, cricket grounds, parks, lawns and cemeteries, and snails in greenhouses; does not injure grass, but acts rather as a fertilizer, and causes the insects to come to the surface to die. One gallon makes 50 gallons of liquid. 1 qt., 65 cts.; ½ gal., $1.25; 1 gal., $2.00; 5 gals., $9.00.

**Kil-O-Scale.** (Sulphonated Oil.) The best remedy against San José scale. When diluted with water makes a perfect solution, which can be applied with the finest nozzle. Testimonials from leading experimental stations prove it the best remedy against scale. Full directions with each package. Apply while trees or shrubs are in a dormant state. *Send for special circular.* Qt., 50 cts.; ½ gal., 75 cts.; gal., $1.25; 2 gals., $2.25; 5 and 10 gals., $1.00 per gal.; barrels and half-barrels, 85 cts. per gal.

**Lemon Oil.** For all insects and soft scales. One of the best known insecticides, and, having a pleasant odor, is highly recommended for house plants, ½ pt., 25 cts.; pt., 40 cts.; qt., 75 cts.; ½ gal., $1.25; gal., $2.00. Dilute 30 to 50 parts of water.

**Little's Antipest.** A liquid preparation for all insects. 1 qt. can, 60 cts.; ½ gal. can, $1.00; 1 gal. can, $1.75.

**London Purple.** ½ lb., 15 cts.; 1 lb., 20 cts.; 5 lbs., 90 cts.

**Nicoticide.** Fumigating compound. 1 pt., $2.50; ½ pt., $1.25; 4 ozs., 70 cts. Vaporizing apparatus, 50 cts.

**Nico Fume.** This is the strongest tobacco paper on the market. Does not injure blooms and furnishes the easiest method for fumigation ever devised. Tin box of 24 sheets, 75 cts.; box of 144 sheets, $3.50; 288 sheets, $6.50.

**Nico Fume Liquid.** An effective vaporizing liquid. ¼ pt., 50 cts.; 1 pt., $1.50; ½ gal., $5.50; 1 gal., $10.50.

**Nikoteen.** An economical and powerful nicotine extract. One part to 600 of water is sufficiently strong to kill all insects, except scale, for which use 1 to 400. Pt. bottle, $1.50.

**Persian Insect Powder.** For roaches, ants, fleas, etc. ¼ lb., 15 cts.; ½ lb., 30 cts.; 1 lb., 50 cts.

**Paris Green.** ½ lb., 20 cts.; 1 lb., 35 cts.

**Roseleaf Extract of Tobacco.** A nicotine solution. Pt., 30 cts.; qt., 50 cts.; gal., $1.25; 5 gals., $4.25.

**Scalecide.** For Scale. 1 gal., $1.00; 5 gals., $3.25.

**Slug Shot.** One of the cheapest and best powders for destroying insects. 1 lb. carton, 15 cts.; 5 lbs., 25 cts.; 10 lbs., 50 cts.; 100 lbs., $4.25; bbl., 235 lbs., 3¾ cts. per lb.

**Sulphur, Powdered.** For mildew. Lb., 10 cts.; 5 lbs., 40 cts.; 10 lbs., 60 cts.; 50 lbs., $2.50; 100 lbs., $4.00.

**Tobacco Dust.** For dusting plants affected with aphis; also used on squash vines and melons, and now largely used for fumigating. 1 lb., 10 cts.; 5 lbs., 25 cts.; 25 lbs., $1.00.

**Tobacco Soap.** (Dreer's.) One of the best insecticides for general use; easily prepared; should be used early in the season on outdoor plants, thus preventing attacks of insects. It is the best for house plants during winter. Full directions with each package. ½ lb. pkg., 25 cts.; by mail, 30 cts.; 5 pkgs., $1.00, by express.

**Tobacco Stems.** For fumigating. Also for covering lawns during the winter. It not only acts as a protector, but imparts large quantities of ammonia and drives away insects and moles. Per bbl., $1.00; per bale of about 250 lbs., $2.00.

**Tree Tanglefoot.** The best remedy against Caterpillars and all tree crawling insects. Will remain sticky for three months. 1 lb., 30 cts.; 3 lbs., 85 cts.; 10 lbs., $2.65; 20 lbs., $4.80.

**Whale Oil Soap.** Used during the summer as a wash, thus preventing the spread of scale. 1 lb., 20 cts.; 2 lbs., 35 cts.; 5 lbs., 50 cts.

**Whale Oil Caustic Potash Soap.** (Good's.) Recommended as a summer and winter wash for scale and all insects. 1 lb., 20 cts.; 5 lbs., 75 cts.; 25 lbs., $1.75.

**Worm Eradicator.** For removing worms of any kind in greenhouses and potted plants, etc., without injury to the most delicate plants. Bottle, 50 cts. and $1.00.

## Orchard Brand Spray Remedies.

**Bordeaux Mixture.** The supreme remedy against Fungous, Rust, and all kinds of rot. When used on Peach and Plum Trees should be half strength. Five ozs. to 1 gal. of water is standard strength. 1 lb., 11 cts.; 2 lbs., 18 cts.; 5 lbs., 40 cts.; 10 lbs., 75 cts.; 20 lbs., $1.35; 50 lbs., $3.12.

**Bordeaux—Arsenate of Lead Mixture.** A combined Fungicide and Insecticide. For Apple and Pear Trees, Potatoes, Melons and Cucumbers; also splendid for Roses, keeping them free of mildew, black spot and insects of all sorts. Three ozs. to 1 gal. of water. Apply as a spray. 1 lb., 15 cts.; 2 lbs., 26 cts.; 5 lbs., 60 cts.; 10 lbs., $1.15; 20 lbs., $2.15; 50 lbs., $5.12.

**Lime Sulphur Solution.** A perfect Scale and Fungous destroyer; special for Plum and Peach trees, which need fall and spring treatment; cures Peach leaf curl. Use during dormant period. Protect the hands with gloves when applying. Dilute with 10 parts of water. Apply with spray pump. Gal., 75 cts.; 5 gals., $2.25; 10 gals., $3.75; half bbls., $7.00; bbls. of 50 gals., $12.00.

**Soluble Oil.** An excellent Scale remedy. Specially good for lawn trees and hedges, as it will not stain. Mixes perfectly with water. Use during dormant period. Dilute with 15 to 20 parts of water. Apply with Spray Pump. 1 gal., $1.00; 5 gals., $3.65; 10 gals., $6.65; half bbl., 60 cts. per gal.; bbl. of 50 gals., 50 cts. per gal.

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# FERTILIZERS FOR FARM, LAWN, GARDEN AND GREENHOUSE.

*We only offer select, high grades which we can recommend. Prices subject to change without notice.*
*All Fertilizers delivered free-on-board Philadelphia.*

**Dreer's "Peerless" Plant Food for House Plants.** (Odorless). The best House Plant Food on the market. Being entirely soluble, it is very convenient to use in the house and conservatory. May be used either dry or liquid; the latter much the best, being immediately available to the plant, and less danger of giving an overdose. Put up in ½ and 1-lb. packages. Directions for use with each package. 15 cts. and 25 cts.; by mail, 25 cts. and 40 cts. Registered in Pennsylvania only.

**Dreer's "Peerless" Plant Food for Lawn and Garden** (Odorless). May be applied at any time during Spring or Fall. It will restore lawns to full luxuriance, and acts quickly in the vegetable garden, where it can be applied any time during the growing season. 5 lbs., 25 cts.; 10 lbs., 40 cts., 25 lbs., $1.00; 50 lbs., $1.75; 100 lbs., $3.00; 200 lbs., $5.00; ton, $45.00.

**Animal Base and Potash Compound.** (Baugh's.) For all crops. Superior for broadcasting in spring prior to harrowing. 2 per cent. ammonia, 8 per cent. Av. Ph. Acid, 2 per cent. potash. Per sack, 200 lbs., $3.00; per ton, $23.50.

**Bone Flour.** (Baugh's.) Ground very fine; excellent for pot plants or beds where an immediate effect is wanted. 5 lbs., 25 cts.; 100 lbs., $2.50; bbl. of 200 lbs., $4.50; ton, $40.00.

**Pure Bone Meal.** (Baugh's.) A standard fertilizer for all purposes, safe and effective. 3 lbs., 15 cts.; 5 lbs., 25 cts.; 25 lbs., 75 cts.; 50 lbs., $1.25; 100 lbs., $2.00; 200 lb. sack, $3.50; per ton, $32.00.

**Ground Bone.** (Baugh's.) A little coarser than above; excellent for grass plots, gardens, etc. Apply 400 to 600 lbs. to the acre. 5 lbs., 25 cts.; 25 lbs., 75 cts.; 50 lbs., $1.25; 100 lbs., $2.00; sack of 200 lbs., $3.50; per ton, $32.00

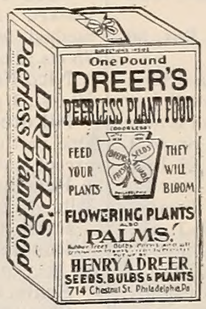
**Coarse Bone.** (Baugh's.) Ground coarse, for grape borders and poultry. A superior fertilizer to use when planting shrubbery and trees. 5 lbs., 25 cts.; 50 lbs., $1.25; 100 lbs., $2.25; 200-lb. bag, $4.00; per ton, $35.00.

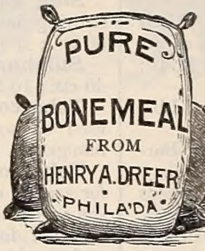
**Clay's Fertilizer.** (Imported.) Recommended to all who grow either fruit, flowers, or vegetables. Should be used in potting soil, and spread on staging of greenhouses planted with flowering plants. Per bag of 28 lbs., $2.00; 56 lbs., $3.50; 112 lbs., $6.50.

**Canada Hard-wood Ashes.** Indispensable as a lawn dressing, or to apply to orchards. They should be applied late in fall or early spring, so that the rains and snows may leach the ashes and carry the elements down to the roots of grass or trees. Our ashes are screened and are in proper condition for immediate use. Apply at the rate of 1000 to 1500 lbs. per acre. 5 lbs., 20 cts.; 10 lbs., 35 cts.; 25 lbs., 60 cts.; 100 lbs., $1.50; per bbl., $2.50; per ton, $20.00.

**Kainit** (*German Potash Salt*). Analysis: 12 per cent. actual Potash. Excellent to apply in fall or winter on lawns or vegetable garden. Apply at the rate of 1000 lbs. per acre. 100 lbs., $1.25; 200 lbs., $2.00; per ton, $15.00.

**Land Plaster.** Much used in composting or mixture with guano, etc. 100-lb. bag, $1.00; barrel, 200 lbs., $1.50; per ton, $10.00.





200
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FROM
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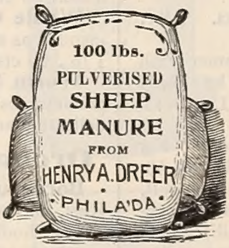

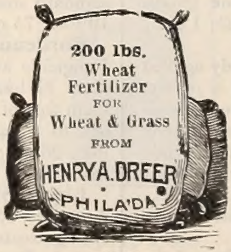

UNLEACHED
CANADA
HARD-WOOD
ASHES
FROM
H. A. DREER · PHILA

**Muriate of Potash.** 80 per cent. pure, equivalent to 48 to 50 per cent. actual Potash. A high grade general Fertilizer, and one of the best Orchard Fertilizers known. 25 lbs., $1.00; 50 lbs., $1.75; 100 lbs., $3.00. Original sacks of 224 lbs., $6.00.

**Nitrate of Soda.** A fertilizer for all crops. It is very quick in action and hastens maturity of crops fully two weeks. Being quickly soluble, it should not be applied until the plants are above ground, when 200 to 300 lbs. mixed with wood-ashes or land plaster is sufficient per acre. Nitrate of Soda does not exhaust the land. 5 lbs., 25 cts.; 25 lbs., $1.25; 50 lbs., $2.00; 100 lbs., $3.50. Large quantities, prices on application.

**Peruvian Guano Substitute.** (Baugh's.) For Potatoes and all Vegetables. Since it is difficult to procure pure Peruvian Guano, we recommend this brand as a good, all-round fertilizer containing 5 per cent. Ammonia; 6 per cent. available Phosphoric Acid; 7 per cent. Potash. 50 lbs., $1.50; 100 lbs., $2.50; sack of 200 lbs., $4.00; ton, $36.00.

**Potato Manure.** (Baugh's Special.) The standard fertilizer for white potatoes, and one of the most successful potato manures ever put on the market. In greater demand each year. Its great potash content makes it very valuable for use on all root crops, also on fruit lands. It works well on grass and fruit in connection with bone meal, and makes a valuable and lasting top-dressing. 2 per cent. Ammonia; 5 per cent. Av. Ph. Acid, 10 per cent. Potash. Per sack, 200 lbs., $3.50; per ton, $28.00.

**Potato and Truck Special.** (Baugh's.) A high grade fertilizer for the vegetable and truck garden, especially recommended for Beans, Corn, Egg Plants, Tomatoes, Patatoes and all root crops. Sacks of 200 lbs., $3.75; per ton, $32.00.

**Poudrette** (*Native Guano*). Contains all the elements necessary for plant life; used extensively by market gardeners. An excellent lawn top-dressing. Per 100 lbs., $1.50; 200 lbs., $2.50; per ton, $15.00.

**Salt, Agricultural.** For top-dressing asparagus beds. Apply very early in spring, at the rate of 800 to 1000 lbs. per acre. 200 lbs., $1.50; per ton, $10.00.

**Sheep Manure, Pulverized.** (*Wizard Brand.*) A pure natural manure, unequalled for mixing with potting soil for lawns, general vegetable and flower garden fertilizer, for making liquid manure water or for any purpose where quick as well as lasting results are wanted. 2-lb. package, 15 cts.; 5 lbs., 25 cts.; 10 lbs., 40 cts.; 25 lbs., 75 cts.; 50 lbs., $1.25; 100 lbs., $2.00; 500 lbs., $9.00; 1000 lbs., $16.00; ton, $30.00.

**Tobacco Stems.** An indispensible lawn covering for winter. It not only acts as a protector, but imparts large quantities of ammonia, and drives away insects and moles. Bbl., $1.00; bale of about 250 lbs., $2.00; ton, $12.00.

**Wheat Fertilizer.** (Baugh's.) This brand combines in available form the necessary elements for the growth of all grain and grass. Ammonia 2 per cent., Phos. Acid 8 per cent., Potash 2 per cent., Nitrogen 1.65 per cent. Sacks of 200 lbs., $3.00; ton, $23.50.

**SEND FOR CATALOGUE OF TOOLS, POULTRY SUPPLIES, ETC.**

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